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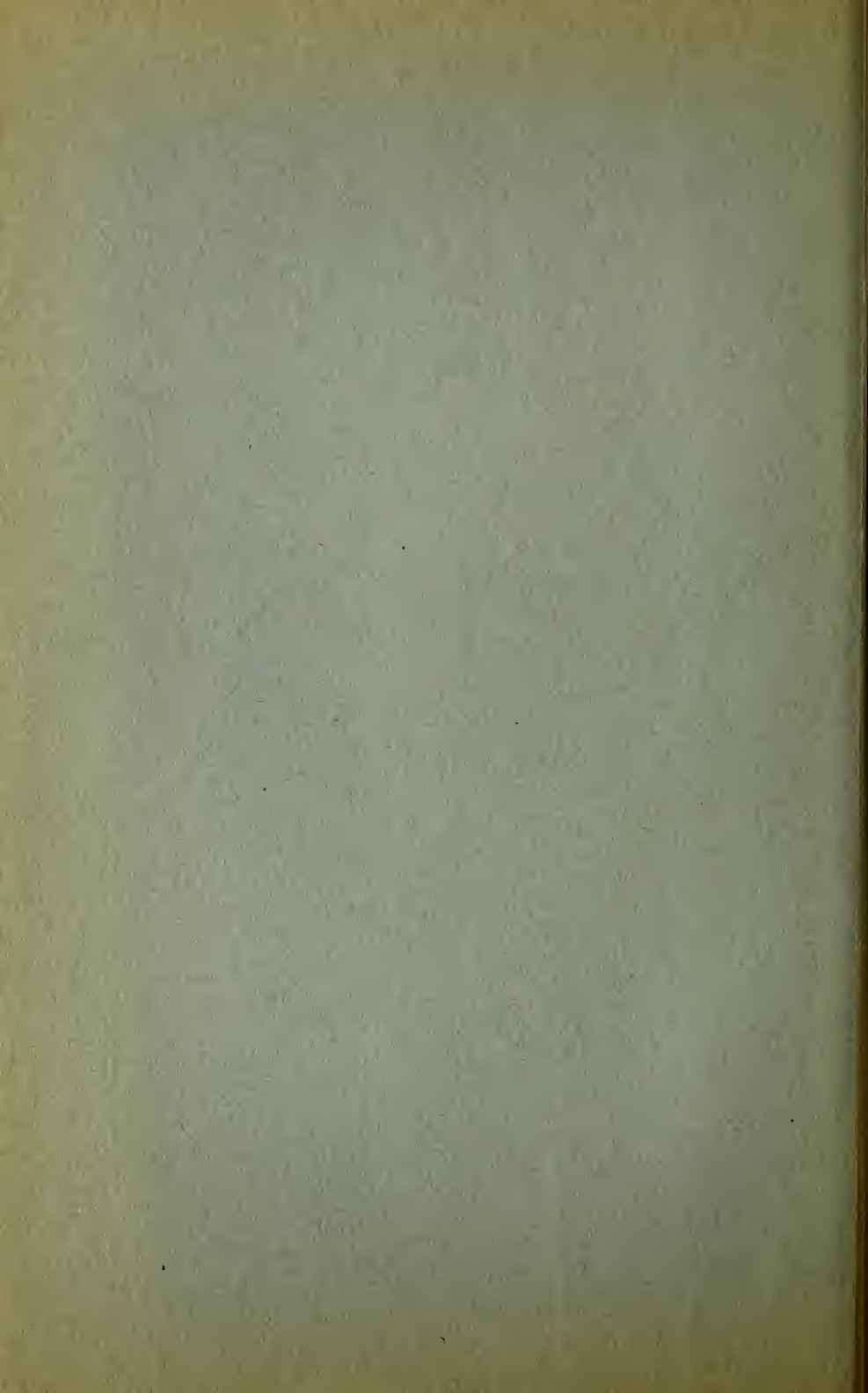
# TOWN OF PLYMOUTH

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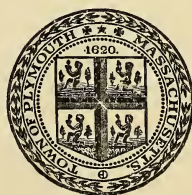


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REPORT OF THE TOWN  
OFFICERS FOR THE YEAR  
1915



ANNUAL REPORT  
OF THE  
TOWN OFFICERS  
OF THE  
TOWN OF PLYMOUTH  
For the Year Ending Dec. 31  
1915



PLYMOUTH:  
THE MEMORIAL PRESS  
1916.



## INDEX

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Abstract of Records .....	6	Overseers of the Poor .....	162
Assessors' Report .....	167	Park Commissioners .....	182
Attendance Officer .....	339	Planning Board .....	212
Board of Health .....	171	Plymouth Public Library ....	193
Breakwater at Beach Park ..	220	Police Department .....	149
Cemetery Commissioners.....	156	School Committee .....	259
Fire Department .....	178	School Physician .....	341
Fire Department Special Re- port .....	202	School Superintendent .....	272
Fish Committee .....	199	Sealer of Weights and Meas- ures .....	191
Forest Warden .....	190	Selectmen's Report .....	17
Gypsy and Brown Tail Moth Account .....	186	Superintendent of Streets ...	25
Harbor Master .....	201	Supervisor of Shores .....	200
Herring Fisheries .....	199	Town Accountant .....	31
High School Report .....	330	Town Clerk Report .....	121
Industrial Education .....	217	Town Officers .....	3
Inspector of Animals .....	197	Town Warrant .....	222
Inspector of Slaughtering ....	198	Tree Warden .....	188
List of Jurors .....	228	Warren Avenue Committee ..	215
List of Teachers .....	326	Water Report .....	233

## TOWN OFFICERS, 1915

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Selectmen—William T. Eldridge, Ephraim D. Bartlett, John L. Morton, Richmond Talbot and Herbert S. Maxwell.

Town Clerk—George B. Howland.

Town Treasurer—George B. Howland.

Town Accountant—Richard T. Eldridge.

Collector of Taxes—Herbert W. Bartlett.

Clerk of Selectmen—Richard T. Eldridge.

Assessors—James C. Bates, chosen 1913 for three years; Nathaniel G. Lanman, chosen 1914 for three years; George Harlow, chosen 1915 for three years.

Overseers of the Poor—Charles A. Strong, chosen 1913 for three years; William T. Eldridge, chosen 1914 for three years; Herbert W. Bartlett, chosen 1915 for three years.

Water Commissioners—John H. Damon, chosen 1913 for three years; Horace P. Bailey and Charles T. Holmes, chosen 1914 for three years; John W. Churchill and Robert C. Harlow, chosen 1915 for three years.

School Committee—George C. Peterson, chosen 1913 for three years; William M. Douglass, chosen 1914 for three years; Helen F. Pierce, chosen 1915 for three years.

Burial Hill Committee—Cemetery Commissioners.

Agawam Fisheries Committee—Frank Harlow, Alfred Holmes and Arthur L. Morse.

Cemetery Commissioners—Henry W. Barnes, chosen 1913 for three years; Horace M. Saunders, chosen 1914 for three years; George Mabbett, chosen 1915 for three years.

Park Commissioners—Thomas R. Watson, chosen 1913 for three years; Benjamin F. Raymond, chosen 1914 for three years; John Russell, chosen 1915 for three years.

Surveyors and Measurers of Lumber—Edward B. Atwood, Cornelius C. Holmes, and Warren S. Bumpus.

Sealer of Weights and Measures—Frank L. St. George.

Beach Committee—Selectmen.

Superintendent of Streets—George H. Pierce.

Field Drivers and Fence Viewers—Charles H. Raymond and Lewis F. Smith.

Superintendent of Water Works—Arthur E. Blackmer.

Collector of Water Rates—N. Reeves Jackson.

Pound Keeper—Russell L. Dickson.

Committee on Inland Fisheries—Edgar D. Hill, Harry B. Davis and Geoffrey D. Perrior.

Harbor Master—Alfred Holmes.

Planning Board—William T. Eldridge, Ephraim D. Bartlett and John L. Morton.

Board of Registration—Charles H. Sherman, appointed 1913 for three years; Herbert W. Clark, appointed 1914 for three years; George F. Anderson, appointed 1915 for three years.

Superintendent of Oak Grove and Vine Hills Cemeteries and Burial Hill—Edward F. Stranger.

Superintendent of Chiltonville Cemetery—Charles Rogers.

Superintendent of Manomet Cemetery—George A. Manter.

Superintendent of Cedarville Cemetery—James L. Haskell.

Sexton—Thomas J. Kennedy.

Superintendent of Almshouse—Russell L. Dickson.

Board of Health—George H. Jackson, chosen 1913 for three years; Freeman Manter, chosen 1914 for three years; Harry R. Talbot, chosen 1915 for three years.

Board of Engineers—Alvin A. Hall, Earl W. Gooding and James S. Kierstead.

Chief of Police—John Armstrong.

Committee on Sewage—Selectmen.

Tree Warden—Calvin S. Mixter.

Forest Warden—Ira C. Ward.

Local Moth Superintendent—Abbott A. Raymond.

Constables—John Armstrong, William E. Baker, Samuel Ferguson, Freeman Manter, Job H. Standish, Lincoln S. Wixon, Elwell H. Smith, Joseph W. Schilling, Cornelius J. Wren, Jacob E. Peck, James M. Cameron, Harrison B. Sherman, Herman W. Tower, Edward A. Dunton.

Deputy Forest Wardens—F. L. St. George, N. T. Clark, L. B. R. Barker, D. E. Raymond, W. F. Doten, A. A. Raymond, George H. Pierce, John F. Raymond, John W. Churchill, Barnabus Hedge, E. P. Bartlett, James W. Hazen, Walter H. Brown, Joseph L. Manter, James H. Nixon, Fred L. Sears, B. F. Raymond, W. S. Bumpus, Aaron Sampson, Seth C. C. Finney, George W. Douglas, Henry Ware.

## ABSTRACT OF RECORDS OF 1915.

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TOWN MEETING, MARCH 27, 1915.

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CHARLES S. DAVIS, *Moderator*.

Article three being under consideration:

On motion of Edward L. Burgess: Voted, that the reports of the several boards of Officers and Committees of the Town be accepted and placed on file. The Committee on a tractor for the Fire Department made a report in the meeting, and it was voted, that the report be accepted and placed on file.

Article four being under consideration:

On motion of Elmer E. Avery: Voted, that the Town authorize the Town Treasurer, with the approval of the Selectmen, or a majority thereof, to borrow during the municipal year beginning January 1, 1916, in anticipation of the collection of taxes of said year, such sums of money as may be necessary for the current expenses of the Town, but not exceeding two hundred thousand (200,000.00) dollars, giving the notes of the Town therefor, payable within one year from the dates thereof. All debts incurred under the authority of this vote shall be paid from the taxes of said municipal year.

Mr. Avery moved to take up article nineteen and the motion was carried, and it was voted, that the salary of the Town Accountant be increased in the sum of two hundred dollars, and fixed at twelve hundred dollars per annum.

Mr. Burgess moved that article twenty-eight be taken up and



the motion was carried and it was voted, that the Town adopt such plan for the improvement of the street lighting system on Court street, southerly from Depot Avenue, and on Main Street and the Main Street Extension to Water Street, as will secure the removal from such streets; and also from Leyden Street and Water Street, between Leyden and North Streets, of the present poles and wires, substituting therefor ornamental poles; and the removal of all wires of the Public Service Corporations in said streets, other than the trolley wires; and that in order to carry this vote into effect, the Selectmen be authorized to take such action as they may deem advisable to secure the removal of such poles and wires, and to contract with the Plymouth Electric Light Company upon such time and terms as may be approved by them for such improved service upon the streets named.

Article six being under consideration:

On motion of Elmer E. Avery: Voted, that the dog fund amounting to \$1024.64, and the additional sum of \$1000.00, be appropriated for the use of the Public Library.

Article seven being under consideration:

On motion of Elmer E. Avery: Voted, that the Town authorize the Selectmen to renew any note or notes, heretofore authorized, which are now due or may become due the present year for such time and on such terms as they may deem expedient for the best interests of the Town.

Article nine being under consideration:

On motion of Elmer E. Avery: Voted, that the Town appropriate a sum not exceeding two hundred and twenty-five dollars to pay the expenses of Memorial Day.

Article ten being under consideration:

On motion of Elmer E. Avery: Voted, that the Town appropriate the sum of \$500.00, to be expended under the direction of the Selectmen for a suitable celebration of the next Fourth of July.

Article eleven being under consideration :

On motion of Elmer E. Avery: Voted, that the Town authorize the Selectmen to transfer from time to time the money from the Reserve Fund to such other accounts as in their opinion may be necessary.

Article twelve being under consideration :

On motion of George B. Howland: Voted, that the officers of the Town authorized by law to expend money, may expend between January 1, 1916 and the annual Town Meeting next following, such amounts as may be required for the expenses of their respective departments not to exceed in the aggregate for each department the amount expended by such department during any period of the same length during the pieceding year, the same to be paid from any moneys in the treasury to be reimbursed from the tax levy of that year.

Mr. Avery moved that articles thirteen and fourteen be taken up together, and that action under articles thirteen and fourteen be indefinitely postponed, and the motion was carried.

Mr. Avery moved to take up article sixteen next, and the motion was carried.

On motion of Mr. Avery: Voted, that the Town authorize the Selectmen to stipulate in writing to indemnify and save harmless the Commonwealth against all claims and demands for damages which may be sustained by any person whose property may be taken or injured by the construction of a highway substantially fifty feet in width, which the Massachusetts Highway Commission propose to lay out and construct on Warren Avenue, from the northerly end of the present State Highway to Jabez Corner.

Article fifteen being under consideration :

On motion of Elmer E. Avery: Voted, that a special committee of five be appointed by the Moderator, of which the Chairman of the Selectmen shall be a member, to represent the Town

in all matters relating to the locations and details of the widening of Warren Avenue to the width of substantially fifty feet, by the Highway Commission.

Article seventeen being under consideration:

On motion of Elmer E. Avery: Voted, that action under this article be postponed until next year.

Article eighteen being under consideration:

On motion of Carrold D. Howland: Voted, that a committee of five be appointed by the Moderator to investigate the question of industrial schools, and report at some future meeting of the Town.

Article twenty being under consideration:

Mr. Avery moved that action under this article be indefinitely postponed, but the motion was lost.

Mr. Vahey moved that \$1000.00 be appropriated to be spent on this meadow, but the motion was lost.

Mr. Lord moved that the subject matter of this article be referred to the Selectmen to report at some future meeting of the Town.

Mr. Vahey moved to amend by striking out, to report at some future meeting of the Town, and the motion to amend was carried. Then the motion of Mr. Lord, as amended, was put and carried.

Article twenty-one being under consideration:

On motion of George B. Howland: Voted, that action under this article be indefinitely postponed.

Article twenty-two being under consideration:

On motion of Elmer E. Avery: Voted, that the Town appropriate the sum of \$2,300.00, to be expended under the direction of the Selectmen, for repairing Pilgrim Wharf.

Article twenty-three being under consideration:

On motion of William T. Eldridge: Voted, that the Town

authorize the Selectmen to sell and convey in the name of and on behalf of the Town, the Old School premises, so-called, at Manómet, or any part thereof, on such terms and conditions as they think proper.

Article twenty-four being under consideration:

On motion of William T. Eldridge: Voted, that the Town accept and allow the alterations in Sandwich Road and Clifford Street, at the junction of said road and street, as altered by the Selectmen and reported to the Town.

Article twenty-five being under consideration:

On motion of Elmer E. Avery: Voted, that the subject matter of this article be referred to a committee of five, to be appointed by the Moderator, who shall consider the matter of cost, and ascertain whether the Commonwealth or Federal Government will render any assistance in replacing a substantial breakwater at the head of the beach, and report at a subsequent meeting of the Town.

Article twenty-six being under consideration:

On motion of John L. Morton: Voted, that the Town dedicate the Indian Lands, so-called, at Fresh Pond as a Public Park.

Article twenty-seven being under consideration:

Mr. Keefe moved that \$9500.00 be appropriated for motor apparatus for the Fire Department. Mr. Avery moved to substitute, that the subject matter of this article be referred to a committee of five, to be appointed by the Moderator, who shall make a comprehensive report as to the present and future needs of the Fire Department, and report at a subsequent meeting of the Town. And the motion was carried. The motion of Mr. Avery was then put before the meeting and carried.

Article thirty being under consideration:

On motion of Elmer E. Avery: Voted, that two thousand five hundred dollars of the Reserve Fund of the Assessors, be applied to reduce the tax levy of 1915.

Article thirty-one being under consideration:

On motion of Elmer E. Avery: Voted, that \$1366.38 remaining to the credit of Sale of the Armory, be transferred to the Town Debt and Interest Account.

Article thirty-two being under consideration:

On motion of Elmer E. Avery: Voted, that action under this article be indefinitely postponed.

Article thirty-three being under consideration:

Mr. Avery moved that the Town appropriate the sum of two hundred dollars for the benefit of the Manomet Public Library.

Article thirty-four being under consideration:

On motion of Elmer E. Avery: Voted, that action under this article be indefinitely postponed.

Article thirty-five being under consideration:

Mr. Avery moved that no special appropriation be made under this article the present year, but the motion was lost. Mr. Avery moved then that the matter be referred to some future meeting of the Town, and the motion was lost.

Mr. John L. Morton then moved to take up article five, and the motion was carried. Mr. Morton then moved that \$300.00 be appropriated for the improvement of the Bartlett Road, so-called, at Manomet, and the motion was carried. Article thirty-five was then indefinitely postponed.

Article thirty-six being under consideration:

Mr. Eldridge moved that the Selectmen, if they deem it expedient, may sell and convey on behalf of the Town the Forest Warden's truck, on such terms and conditions as they think proper, and the motion was carried.

John L. Morton then moved that the Town appropriate the sum of \$500.00 to be expended on the Forest Warden's truck under the direction of the Selectmen, if they deem it expedient, and the motion was carried.



On motion of Elmer E. Avery: Voted, that the Collector of Taxes be authorized to receive taxes for the ensuing year at such places as he shall designate on or before the fifteenth day of October, that interest be charged on all taxes remaining unpaid on the said fifteenth day of October at the rate of six per cent. per annum and such rate shall continue until otherwise ordered by the Town, and all taxes and interest remaining unpaid on the first day of January following shall be collected forthwith by legal process, and the Collector of Taxes is hereby authorized to collect at once by legal process all taxes of previous years outstanding.

On motion of George B. Howland: Voted, that the sum of \$209,240.26 be raised and assessed upon the polls and estates of the inhabitants of the Town of Plymouth, and upon the estates of the non-residents to defray the expenses of the Town for the ensuing year.

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### SPECIAL TOWN MEETING, JULY 10, 1915.

Charles S. Davis, Moderator.

Article two being under consideration:

On motion of Mr. Eldridge: Voted, that the Town appropriate the sum of eleven hundred and fifty (1150) dollars; the same to be paid to the Commonwealth of Massachusetts to be expended under the direction of the Harbor and Land Commissioners in the construction of a concrete sea wall at the Head of Plymouth beach, in connection with a similar sum appropriated by the Harbor and Land Commissioners under the provisions of Chapter 481, Acts of 1909.

Article three being under consideration :

On motion of Mr. Eldridge: Voted, that the Selectmen be and are hereby authorized to stipulate in writing, in the name of and on behalf of the Town, to indemnify and save harmless the Commonwealth, the Board of Harbor and Land Commissioners, its officers, agents or parties contracting with it from any claim for damages by reason of trespass, injury to any lands, easements, licenses or rights in consequence of the construction of a concrete sea wall with spur jetties on the shore of Warren's Cove.

Article four being under consideration :

On motion of Mr. Burbank: Voted, that the Town appropriate the further sum of \$750.00 for the purpose of constructing a drinking fountain at the corner of Main Street Extension and Leyden Street. On motion of Mr. Kyle it was unanimously voted, that the Town place upon record its grateful appreciation of the gratuitous services of Mr. Frederick Law Olmstead of Brookline, Mass., in contributing the design and full working drawings of the drinking fountain for the Elder Brewster spring.

Article five being under consideration :

On motion of Judge Harry B. Davis: Voted, that the Town contribute one-tenth of the cost of any dredging that may be done by the Commonwealth under plans recently submitted for an anchorage basin at Plymouth, by the Harbor and Land Commission, provided, however, that the sum required for one-tenth of such work to be paid by the Town shall not exceed \$500.00, and that the sum of \$500.00 is hereby appropriated therefor.

Article six being under consideration :

On motion of Judge Harry B. Davis: Voted, that the Town name the playground to be acquired by it at the foot of Fremont Street, "Stephens' Field" and that a stipulation to that effect be incorporated in the deed to be given by the present owners of the property.

Article seven being under consideration :

On motion of Judge Harry B. Davis: Voted, that the Town erect and maintain all fences between the property of the Stephens heirs adjoining the playground at the foot of Fremont Street and said Stephens Field, and that the sum of three hundred dollars be appropriated for that purpose, to be expended at the discretion and under the direction of the Park Commissioners, and that a stipulation that the Town will erect and maintain necessary fences, be incorporated in the deed to be given by the present owners.

On motion of George B. Howland: Voted, that the further sum of twenty-seven hundred (\$2700.00) dollars be raised and assessed upon the polls and estates of the inhabitants of the Town of Plymouth and upon the estates of the non-residents to defray the expenses of the Town for the current year.

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## SPECIAL TOWN MEETING, OCTOBER 23, 1915.

Charles S. Davis, Moderator.

Article two being under consideration :

On motion of John L. Morton, Voted: That the Town appropriate from money in the treasury not otherwise appropriated the sum of four thousand six hundred and fifty dollars for the maintenance of the roads and bridges.

Article three being under consideration :

On motion of William T. Eldridge, Voted: That the Town appropriate the sum of five hundred dollars, to be spent on the construction of Beaver Dam road.

Article four being under consideration:

On motion of William T. Eldridge, Voted: That for the purpose of raising money to be expended on the construction of Beaver Dam road, the Town issue bonds or notes for five hundred dollars, to be signed by the Treasurer and approved by a majority of the Selectmen, payable within one year from the dates thereof, the same bearing interest at not more than five per cent. per annum.

Article five being under consideration:

Mr. William T. Eldridge moved that the sum of eleven thousand three hundred and seventy dollars be appropriated to pay the land damages on Warren Avenue. Mr. Charles H. Raymond moved to indefinitely postpone, fourteen voted in the affirmative and forty-eight in the negative, and the motion was lost. Mr. John P. Vahey then moved that further consideration of this article be referred back to the Committee on Warren Avenue to report at the next town meeting, and the motion was carried.

Articles six, seven and eight:

On motion of John P. Vahey, Voted: That articles six, seven and eight be taken up together and be referred to the Committee on Warren Avenue, to report at the next town meeting.

Article nine being under consideration:

On motion of William T. Eldridge, Voted: That the Town authorize the Selectmen in the name of and on behalf of the Town to sell and convey a portion of the Morton School lot on such terms and conditions as they may think proper.

SPECIAL TOWN MEETING, OCTOBER 23, 1915.

Article ten being under consideration:

On motion of John P. Vahey, Voted: That the Town appropriate from money in the treasury not otherwise appropriated, the sum of twenty-five hundred dollars for the maintenance of the Poor Department.

Article eleven being under consideration:

On motion of William M. Douglass, Voted: That the Town appropriate from money in the treasury not otherwise appropriated, the additional sum of thirty-five hundred dollars for the use of the School Department.

Article twelve being under consideration:

On motion of John L. Morton, Voted: That the Town appropriate from money in the treasury not otherwise appropriated, the additional sum of fifteen hundred dollars for the reserve appropriation.

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SPECIAL TOWN MEETING, DECEMBER 11, 1915.

Harry B. Davis, Moderator.

On motion of George H. Jackson, Voted: That the Town appropriate from money in the Treasury, not otherwise appropriated, the sum of twelve hundred dollars, for the maintenance of the Health Department.



# Report of the Selectmen

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REPORT OF THE SELECTMEN FOR THE YEAR

ENDING DECEMBER 31, 1915.

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The conduct of affairs in 1915 has been very much as in previous years with this difference. The constant imposition of new duties by the State on the various departments of the Town has been the cause of many of the overdrafts that have occurred. Especially in the Health and Poor Departments is this noticeable. These drafts are the cause of two special Town meetings. Fortunately we have been able to have these meetings in the High School Building and in that way have avoided the usual large expense of calling a meeting. It seems to this Board that this is much the better way, to consult with the people at the time the money is wanted, as the matter is then fresh, and anyone interested can have an opportunity to discuss it.

The work of the Road Department has been satisfactorily done, and the roads, generally, are in good condition. There has been a larger allotment of money for the outlying districts than before. The people there justly claim that as they get no benefit from the lights, sewers or water, etc., that they are entitled to their fair share of the road appropriation. Acting on this plan, we have this year made a liberal application of

dust-laying oil, to the road from the Bourne line to the State highway in Cedarville. The hills at either end of the road on the west side of Herring Pond have been surfaced, and it is now possible to get in and out of there with an automobile. There are a number of residents in this locality and the lack of a good road has been a serious inconvenience to them. It would be advisable to do some work on this road each year until the road is in at least as good condition as the ordinary gravel road. There is a large summer population there, and it would develop considerably if access was made easier.

The Long Pond road is another problem. This road has a large travel and is very sandy. There is no material on the line of the road with which to repair the surface. It would seem to be wise for the Town to expend a moderate sum yearly on this road in making a permanent road bed of bituminous material and sand which would result finally in covering the whole distance with a good road bed. As it is now, the money spent there annually is practically wasted.

We have had in the past year two severe rain storms which washed the roads badly and cost about \$2,500 for repairs. This accounts for a large part of the overdraft.

The lower end of Main Street extension has been macadamized in accordance with the vote of the Town. The conditions at the head of Water Street have been much improved by this work, and it now remains for the balance of the street to be finished and we shall have a continuous macadam road from the Kingston line to Jabez Corner.

Warren Avenue still remains in its unsatisfactory condition. The refusal of the Town to vote the necessary appropriation for the expense has delayed action in this important matter. The report of the Warren Avenue Committee will place this matter before the Town in its proper light.

The widening at the corner of Leyden and Main Streets has been delayed by some difficulty between the owner of the building to be moved and the adjacent land owners. When this matter is adjusted the work can go forward.

Water Street Extension, for which an appropriation was made last March, has had considerable work done on it. The filling and grading have been partly completed and the pipe for the conduct of Cold Spring Brook has been placed in position. The sewer has been started and laid for some distance north from the foot of Railroad Avenue. It was not thought best to lay the sewer in the new fill until it had settled, as the grade is slight and a very little settling would put it out of commission.

It is the opinion of this Board that the Town should macadamize another section of Samoset Street. We would recommend starting at the junction with the Darby road and coming towards the center of the Town. This would take in the worst part of the road and the remainder could be finished at some later day.

We are strongly of the opinion that Sandwich Street from the head of Water Street to the foot of Spring Hill should also be macadamized. This section of street lies at the foot of three hills and the wash from these keep it constantly covered with mud and the large amount of travel there is seriously inconvenienced. It is also very unpleasant for the dwellers on the street.

In this connection it would appear to be well for the Town to know how its expenditures for roads compare with other towns. In a list of 11 towns nearest to Plymouth in population (9,000 to 13,000) Plymouth spent \$109 per mile for maintenance. This was the smallest amount spent by any town on the list. The largest amount was in Wakefield (population 11,404.) They spent \$662 per mile for the year. The average for the 12 towns, not including Plymouth, was \$250 per mile. Our constantly increasing mileage of improved roads and the tremendously increased travel on the gravel roads make an increase of expenditure absolutely imperative.

In the sidewalk department there has been an unusual amount of repair work required on the old concrete walks. These have been badly broken by frost and have had to have

a disproportionate amount of repairs. It seems to the Board that this type of walk is no longer desirable and should be replaced as fast as possible with granolithic, which has an almost indefinite life and is a better walk in every way.

It is the plan of this Board, and we hope that it will be of future Boards, to eventually have a continuous water proof sidewalk from Hotel Pilgrim to the Kingston line. There are many miles of sidewalk in the Town that require attention, but the utmost that can be expected is that some addition will be made each year, putting each section where it will accommodate the most people with the idea of eventually having the walk continuous.

There is a serious problem confronting the Town in the disposal of surface water. The rains that run off of the side streets tax the capacity of the pipes now. And as the land on the sides of the streets is improved more and more, the quantity of water turned into the street is increasing. The Town will have this matter to adjust in the near future.

The Town voted at the last March meeting that the Selectmen be instructed to make such arrangements with the Plymouth Electric Light Co. as would result in improving the light on Main and Court Streets and would remove the unsightly poles that are now there. Following these instructions the matter has been attended to and the installation of an underground system is nearly complete. The delay in the arrival of the poles is the only thing that prevented this system from being in operation by the first of the year.

The appropriation for the Police Department was reduced at the last March meeting, and the force was reduced accordingly, two men being dropped from the roll. This, notwithstanding that the two men who were retired were on the pay roll until the first of May, has worked out well, and the expenses have been kept within the appropriation. The work of the department has been very satisfactorily performed and it would appear that no change from the present plan is necessary.



The automobile truck of the Forest Warden's Department has been equipped with a new engine at the shop of A. J. Smith, who was the lowest bidder for the job. This has been thoroughly tried out, and has proved to be in excellent condition and capable of giving efficient service.

There has been in existence for a number of years a claim against the Town for moneys received by the Town in connection with the sale of the so-called Indian Lands at Manomet. This claim, while not clearly established, was nevertheless sufficient to cloud the title to said lands, and the Selectmen, after investigating it and taking competent legal advice, have settled the claims. We have also settled several small claims for land damage caused by locating of the State Highway.

There have also been two damage claims adjusted, caused by defects in the sidewalks.

The shell fish industry has been for the past year in a satisfactory condition. There have been the usual number of infractions of the shipping restrictions, but at the present time the Board is granting a restricted form of permit which allows a reasonable amount of digging for shipment out of Town and this, while not seriously depleting the stock of clams, furnishes an industrious man with an opportunity to get a living if so disposed. The Kerr Plant is now nearly completed and will be in operation shortly, and there is no doubt that this will be an important addition to the industry of the Town.

The Brewster Spring Fountain is nearing completion and will be an ornament as well as useful addition to the corner of Leyden and Main Streets. The Town appropriated for this purpose the sum of \$1,000. It was found that this sum was insufficient to carry out the plans as proposed, but a sum of money that had been subscribed for this purpose some time ago was found to be available, and then it developed that a lady in New Jersey had interested herself in the matter and had raised by subscription the sum of about \$586, which is to be turned over to the Town, making a total of about \$1,700. This sum will be



sufficient to finish the fountain, and it will be in operation when the weather becomes suitable.

The thanks of the Town are due Mrs. J. H. Oglesby, of Sea Girt, New Jersey, for this entirely unexpected contribution. Also to those who contributed to the local fund.

On petition of a number of abutters the Board, after a hearing, decided to lay out Strand Avenue, starting at the junction of the Point Road and the State Highway and running to the junction of Strand Avenue and Manomet Avenue. Also on petition and after hearing we have laid out Samoset Avenue and a portion of Circuit Avenue to a point at the Idlewild Hotel on Manomet Avenue.

WILLIAM T. ELDRIDGE,  
EPHRAIM D. BARTLETT,  
JOHN L. MORTON,  
RICHMOND TALBOT,  
HERBERT S. MAXWELL

APPROPRIATIONS RECOMMENDED BY THE  
DEPARTMENTS.

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Selectmen's Department,	\$1,800 00
Accounting,	1,350 00
Treasurer,	1,200 00
Tax Collector,	1,500 00
Assessors,	3,000 00
Assessors' Plans.	1,000 00
Law Department,	600 00
Town Clerk,	450 00
Town Engineer,	900 00
Planning Board,	100 00
Election and Registration,	950 00
Town House Maintenance,	1,600 00
Police Department,	8,500 00
Police Department Automobile,	500 00
Fire Department,	15,100 00
Sealer Weights and Measures,	800 00
Moth Suppression,	5,000 00
Tree Warden,	1,200 00
Forest Warden,	2,500 00
Shell Fish,	700 00
Inland Fisheries,	300 00
Health Department,	7,200 00
Sewers,	2,000 00
Sanitararies,	400 00
Roads and Bridges,	30,000 00
Warren Avenue Construction,	5,000 00
Sandwich Street Construction,	3,000 00
Water Street Extension,	3,000 00
Strand Avenue,	100 00

Samoset Avenue,	300 00
Samoset Street,	8,000 00
Sandwich Street, macadam,	1,000 00
Main Street Extension sidewalk,	1,000 00
Beaver Dam,	500 00
Bartlett Road,	300 00
Street Line Survey,	400 00
Sidewalks,	5,000 00
Snow Removal,	1,500 00
Street Sprinkling,	6,000 00
Street Lighting,	12,500 00
Harbor Master,	150 00
Poor Department,	15,000 00
Mothers' Aid,	5,000 00
Military Aid,	78 00
Soldiers' Relief,	4,234 48
School Department,	87,000 00
Public Library (Inc. Dog Tax),	3,700 00
Manomet Library,	250 00
Parks,	1,900 00
Addition to Beach Park,	1,000 00
Training Green,	200 00
Walks on Training Green,	1,000 00
Indian Lands,	200 00
Sexton,	125 00
Memorial Day,	225 00
Miscellaneous,	2,500 00
Reserve,	7,000 00
Water Department,	16,000 00
Water Construction,	5,000 00
Oak Grove and Vine Hill Cemeteries,	5,000 00
Oak Grove and Vine Hill Cemeteries, Water Pipe,	200 00
Burial Hill,	1,000 00
Cedarville and Manomet Cemetery,	150 00
Addition to Manomet Cemetery,	300 00
Town Debt and Interest,	40,000 00

## REPORT OF SUPERINTENDENT OF STREETS

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To the Honorable Board of Selectmen:—

I herewith submit the report of the Street Department for the year 1915.

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### ROADS AND BRIDGES.

#### *Maintenance.*

Under this heading is included the maintenance of the streets, bridges, the roads in the outlying districts and the cleaning of the streets and surface drains. The automobile traffic, which here as elsewhere, is constantly increasing, causes a much larger expenditure for repairs, especially in the outside districts where the best material to be obtained is not strong enough for the heavy travel to which it is subjected.

A notable example of this condition is the Long Pond road which has to carry a very heavy automobile travel. Beyond South Pond village the best material to be had is a sandy loam which does not have enough good wearing qualities to make a permanent surface. I would recommend that a section of bituminous sand or gravel road be built in this locality each year, so that at the expiration of a term of years a section of permanent surfaced road would be the result of the annual expenditures, instead of practically no improvement from year to year as has been the case in the past.

Another similar section is the upper part of Samoset street,

from the cemetery gate to the Darby road. The supply of stone in this locality is such that a macadam road would be practicable. I would recommend that this section, the length of which is  $1\frac{1}{2}$  miles, be rebuilt, careful attention being paid to drainage, and a bituminous macadam surface laid.

The rains of the early part of the season caused extensive washouts. The roads in the outside sections, many of them being built on steep grades, are liable to be washed by heavy rains, but this has been in a measure prevented by the application of road oil, more of which should be used the coming season.

Darby road. A bituminous surfacing has been applied to the Darby road this year, 27,915 square yards being treated. This road, which was originally a water bound macadam, has each year received a bituminous surface application at an average cost of 3 1-3 cents per square yard. This seems to be sufficient to enable this road to stand up under the travel it receives, and I think that the surface can be maintained by this method without any extensive resurfacing treatment.

Sandwich street, from Water street to Jabez Corner, has also received a surface coating of bitumen, the amount treated being 13,328 square yards.

Court street. The heavy grades on Court street having been slippery at times, a light bituminous application has been made. To give satisfactory results this should be repeated during the coming year, and sand applied meanwhile to give a better footing. I would also recommend the same treatment on Summer street, between Newfields and Oak streets.

Owing to the greatly increased travel on all roads and streets of the town, I would recommend that the sum of \$30,000.00 be appropriated for maintenance for the ensuing year.

#### *Construction.*

An extension of Water street, from Lothrop to Nelson street, has been laid out and a sewer laid part of the way. It was



deemed inexpedient to lay the sewer in the section newly filled on account of its settling. This work will be completed as soon as the ground is in proper condition.

The lower end of Main street extension, a section of which drained badly, has been carefully regraded, a drainage system introduced and 1,300 square yards of bituminous surface laid.

On Summer street the gutters, which were of gravel while the street surface is of bituminous macadam, proved too weak, and they have been rebuilt of bituminous macadam of the same thickness as the street, about 700 square yards being laid.

Beaver Dam road. This is one of the important suburban roads, and it has been a difficult one to maintain, especially in the winter months. For the past three years the sum of \$500.00 has been appropriated annually, and spent in improving the drainage and treating the surface with a clean gravel, beach gravel preferred. The result has been a decided improvement, and if continued for a few years I think will give a permanent road surface competent to handle the fairly heavy travel it receives. I would recommend that the above amount be appropriated for this road for the ensuing year.

Bartlett road. The conditions here are very similar to those on the Beaver Dam road. The sum of \$300.00 was appropriated for this section, and will be expended in improving the grade and drainage and applying a good gravel to the surface where most needed. I recommend that the sum of \$300.00 be appropriated for this road yearly until a satisfactory result has been obtained.

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### STREET SPRINKLING.

A comparatively small amount of water has been used for street sprinkling during the past year, as oil has been found to be cheaper and more satisfactory. Five cars of non-asphaltic oil have been used. On some of the side streets which are inclined

to be sandy, I would recommend the use of a light asphaltic oil, as it might help to bind the road surface as well as to lay the dust. The same appropriation as last year, \$6,000.00, will be needed for the coming year.

## SIDEWALKS.

Quite extensive repairs have been necessary on the old tar concrete sidewalks. Much of this type of walk has been built for a long time, and costly repairs will have to be made in the future. I would recommend that for sidewalks in the heavily travelled portions of the town cement concrete be the type adopted in the future as being better worth the small additional cost, while to the suburban districts the cinder with bituminous crushed stone top would be well adapted.

Tar concrete sidewalks have been built as follows:

Brewster street,	2,400	square feet
Water and Sandwich streets,	316	" "
Court street,	624	" "

Cinder with crushed stone surface:

Mayflower street,	5,000	" "
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Resurfaced with crushed stone:

Court street,	12,000	" "
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Granolithic walk, one-half the expense borne by the abutters:

Sever street,	33	square yards
Howland street,	191	" "
North and Court streets,	387	" "
Clyfton street,	43	" "
Main street extension,	183	" "
Sandwich and Bradford streets,	92	" "

Granolithic walk, whole expense borne by the town:

Main street extension, over bridge,	125	" "
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For sidewalks the sum of \$5,000.00 will be needed for the coming year.

## SEWERS.

New sewers have been laid in the following streets:

Bradford street,	86 feet
Wood street,	78 "
Jordan Hospital,	336 "
Mt. Pleasant street,	414 "
Alden Court,	78 ".

The usual large amount of work has been done on private sewer connections, and where the pipes were not obstructed by the roots of the town trees reimbursements will be made by the parties for whom the work was done.

An appropriation of \$2,000.00 will be needed for sewers for 1916.

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## REMOVAL OF SNOW.

Although no heavy fall of snow has occurred up to the time of this writing, considerable work has had to be done in removing snow from gutters and drainage pipes, and applying sand to icy sidewalks.

I would recommend \$1,500.00 be appropriated for removal of snow for the ensuing year.

The following distances, registered by automobile speedometer, may be of interest:

TOWN SQUARE, PLYMOUTH, TO:

Jabez Corner,	1	mile
Hotel Pilgrim,	2.9	"
Manomet church,	6	"
Fresh Pond,	7.8	"
Ship Pond,	10.5	"
Ellisville,	11.8	"
Cedarville,	14.7	"
Sagamore P. O.,	18	"
<hr/>		
Kingston line,	2.5	"
Kingston town hall,	4.5	"
Marshfield P. O.,	12.8	"
Boston via Marshfield,	49.9	"
Boston via Hanover,	43.7	"
Hanover Four Corners,	14.7	"
<hr/>		
South Pond Village,	3.5	"
Long Pond,	8.4	"
Cedarville via Long Pond,	12.7	"
Bourne town line,	13.5	"
<hr/>		
Darby village,	4.9	"
North Carver Green,	8	"
Middleboro Four Corners,	14.8	"
Taunton,	25.8	"
Providence,	44.4	"

Respectfully submitted,

GEORGE H. PIERCE,

*Superintendent of Streets.*

# Fourth Annual Report

OF THE

## Town Accountant

OF THE

# TOWN OF PLYMOUTH

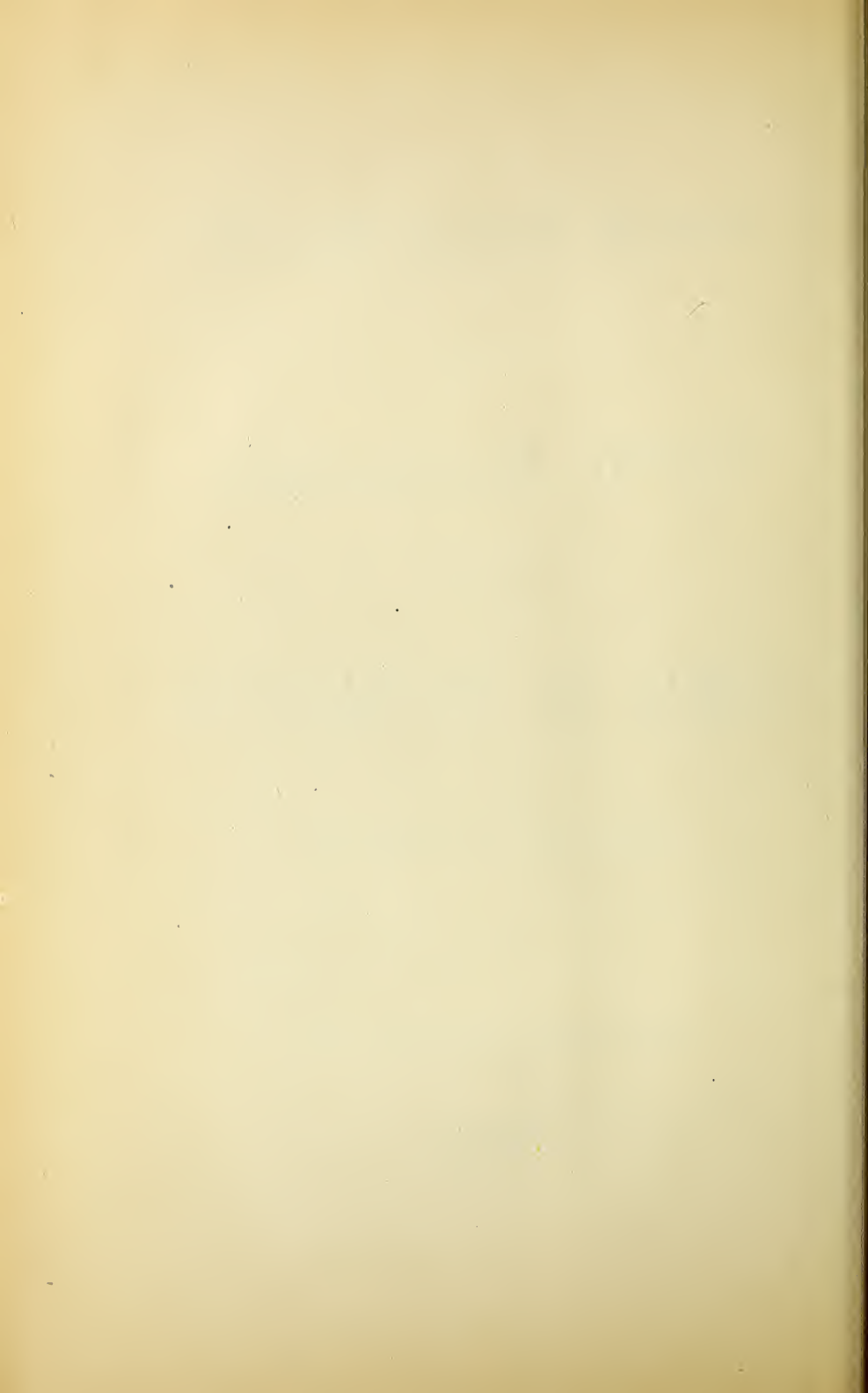
## MASSACHUSETTS

FOR THE

Year Ending December 31,

# 1915





Plymouth, Mass., January 29, 1916.

The Board of Selectmen, Plymouth, Mass.

Gentlemen—

I herewith submit my report of the financial transactions of the Town of Plymouth for the year ending December 31, 1915.

Schedule A, shows the receipts and payments for the year, classified as required by the Bureau of Statistics of the Commonwealth.

Schedule B, is a detailed statement of each appropriation, showing the amount appropriated by the Town, the additions to, and the payments from the same.

Schedule C, is a statement of the Estimated and Actual Receipts, the charges being the amounts estimated and deducted from the total of the appropriations by the Assessors in making up the Tax Warrant for 1915, and the credits being the amounts actually received.

Schedule D, is the Revenue Account for 1915.

Schedule E, is the Excess and Deficiency Account for 1915, similar to what in a private business would be the profit and loss account.

Schedule F, is the Balance Sheet January 1, 1916, showing the condition of the Town's financial affairs after closing the books for 1915.

Schedule G, is a summary of the Outstanding Indebtedness January 1, 1916, showing also the debt at the beginning of the year, the additions to, the amounts paid on the same, and the principal and interest requirements for 1916.

Schedule H, is a detailed statement of the Outstanding Indebtedness.

Schedule I, is an itemized statement of the Trust and Invested funds not including the January 1916 dividends.

At the close of the year's business, bills for the following departments remained unpaid, as there were no funds available in the several appropriations—

Law Department,	\$10 00
Maintenance of Town House,	35.05
Sealing Weights and Measures,	71 06
Moth Suppression,	5 66

Tree Warden's Department,	22 90
Public Sanitararies,	40 08
Sewer Department,	47 25
Miscellaneous,	204 00
Poor Department,	432 00
	<hr/>
Total,	\$868 00

The above amounts were appropriated to the several departments at a Special Town Meeting January 15, 1916, and the bills have since been paid.

Respectfully submitted,

RICHARD T. ELDRIDGE,

*Town Accountant.*

# SCHEDULE A.

## RECEIPTS AND PAYMENTS.

### RECEIPTS.

Sources of Receipts.	Revenue for Expenses	Revenue for Outlays	Total
GENERAL REVENUE			
1. TAXES.			
<i>Current Year—</i>			
1. Property,	\$216,249.13		
2. Poll,	4,494.00		
<i>Previous Years—</i>			
3. Property,	52,445.24		
4. Poll,	1,974.00		
<i>From the State—</i>			
5. Corporation,	27,686.33		
6. Street Railway,			
7. Bank,	1,701.81		
Total from Taxes,	\$304,550.51		\$304,550.51
2. LICENSES AND PERMITS.			
<i>Licenses—</i>			
8. Liquor,			
9. All Other,	\$387.50		
<i>Permits—</i>			
10. Marriage,			
11. All Other,	906.75		
Total from Licenses and Permits,	\$1,294.25		\$1,294.25
3. FINES AND FORFEITS.			
12. Court,	\$285.28		
13. Department Penalties,			
14. Contract Violations,			
Total Fines and Forfeits,	\$285.28		\$285.28
Total forward,			\$306,130.04

RECEIPTS

Sources of Receipts.	Revenue for Expenses	Revenue for Outlays	Total
Total forward,			\$306,130.04

4. GRANTS AND GIFTS.

*Grants from Other Civil Divisions—*

15. From State, for Education
  - a. Support of Public Schools
  - b. Aid to High Schools
  - c. Aid to Industrial Schools
  - d. High School Tuition
  - e. Union Superintendency
16. From State for Armories
17. From State for Highway Purposes
18. From State for Other Purposes
  - a. Inspector of Animals
  - b. Protection against Forest Fires
  - c.
  - d.
19. From County (Dog Licenses) \$1,105.25

*Gifts from Individuals—*

20. For Expenses
21. For Outlays,

Total from Grants and Gifts,	<hr/> \$1,105.25	\$1,105.25
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5. ALL OTHER GENERAL REVENUE.

22.

23.

Total from Other General Revenue,

Total forward,	<hr/> \$307,235.29
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# RECEIPTS

Sources of Receipts.	Revenue for Expenses	Revenue for Outlays	Total
Total forward,			\$307,235.29

\*

## COMMERCIAL REVENUE.

### 6. SPECIAL ASSESSMENTS.

24. Street Sprinkling,		
25. Moth Extermination,	.\$176.79	
26. Sewers		
27. Sidewalks and Curbing,		
28. Other Purposes,		
Total from Special Assessments,	\$176.79	\$176.79

### 7. PRIVILEGES.

29. Public Service,	\$1,165.26	
30. Minor,		
Total from Privileges,	\$1,165.26	\$1,165.26
Total forward,		\$308,577.34

RECEIPTS

Sources of Receipts.	Revenue for Expenses	Offsets to Outlays	Total
Total forward,			\$308,577.34

8. DEPARTMENTAL.

*Sa. General Government—*

*Legislative—*

31. Aldermen and Council; Moderator

*Executive—*

32. Mayor; Commission; Selectmen

*Financial—*

33. Auditor, Accountant and Auditing

34. Treasurer,

35. Collector, \$1.00

36. Assessors,

37. License Commissioners,

38. Other Finance Offices and Accounts

*Other General Departments—*

39. Law

40. City or Town Clerk

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General Government forward, \$1.00

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Total forward, \$308,577.34

## PAYMENTS

Objects of Payments.	Expenses	Outlays	Total
1. DEPARTMENTAL.			
<i>1a. General Government—</i>			
<i>Legislative</i>			
1. Aldermen; Moderator			
a. Salaries and Wages,	\$30.00		
b. Other Expenses,	34.79		
<i>Executive—</i>			
2. Mayor; Commission; Selectmen,			
a. Salaries and Wages,	1,437.20		
b. Other Expenses,	273.34		
<i>Financial—</i>			
3. Auditor, Accountant and Auditing,			
a. Salaries and Wages,	1,150.00		
b. Other Expenses,	64.56		
4. Treasurer,			
a. Salaries and Wages,	1,000.00		
b. Other Expenses,	191.56		
5. Collector,			
a. Salaries and Wages,	1,043.34		
b. Other Expenses,	298.09		
6. Assessors,			
a. Salaries and Wages,	2,235.00		
b. Other Expenses,	1,359.97		
7. License Commissioners,			
a. Salaries and Wages			
b. Other Expenses,			
8. Other Finance Offices and Accounts,			
a. Sinking Fund Commissioners,			
b. Miscellaneous,	86.00		
<i>Other General Departments—</i>			
9. Law			
a. Salaries and Wages,	561.25		
b. Other Expenses,	52.31		
10. City or Town Clerk			
a. Salaries and Wages,	300.50		
b. Other Expenses,	74.90		
General Government forward,	\$10,192.81		

# RECEIPTS

Sources of Receipts.	Revenue for Expenses	Offsets to Outlays	Total
Total forward,			\$308,577.34
General Government forward,	\$1.00		
41. City Messenger			
42. Public Works			
43. Engineer			
44. Superintendent of Buildings			
45. Election and Registration,	6.00		
46. Other General Departments			
<i>Municipal Buildings—</i>			
47. City or Town Hall,	1.00		
Total from General Government,	\$8.00		\$8.00
<i>8b. Protection of Persons and Property—</i>			
<i>Police Department—</i>			
48. Services of Officers			
49. Sale of Materials			
50. Miscellaneous,	\$3.01		
Protection of Persons and Property forward,	\$3.01		
Total forward,			\$308,585.34

## PAYMENTS

Objects of Payments.	Expenses	Outlays	Total
General Government forward, \$10,192.81			
11. City Messenger			
a. Salaries and Wages			
b. Other Expenses			
12. Public Works			
a. Salaries and Wages			
b. Other Expenses			
13. Engineering			
a. Salaries and Wages,	699.00		
b. Other Expenses,	103.32		
14. Superintendent of Buildings			
a. Salaries and Wages			
b. Other Expenses			
15. Election and Registration			
a. Salaries and Wages,	542.00		
b. Other Expenses,	345.44		
16. Other General Departments			
<i>Municipal Buildings—</i>			
17. City or Town Hall			
a. Salaries and Wages,	366.63		
b. Other Expenses,	1,074.74	1,446.74	
Total for General Government,	\$13,323.94	\$1,446.74	\$14,770.68
<i>1b. Protection of Persons and Property.</i>			
<i>Police Department—</i>			
18. Salaries and Wages,	\$7,735.85		
19. Horses and Care of same (hire)	131.85		
20. Equipment and Repairs,	18.44		
21. Fuel and Light,	298.96		
22. Maintenance of Buildings, etc.,	131.08		
23. New Buildings			
24. Other Expenses,	168.29		
Protection of Persons and			
Property forward,	\$8,484.47		
Total forward,			\$14,770.68



# RECEIPTS

Sources of Receipts.	Revenue for Expenses	Offsets to Outlays	Total
Total forward,			\$308,585.34
Protection of Persons and Property forward,	\$3.01		
<i>Fire Department—</i>			
51. Sale of Materials			
52. Miscellaneous			
<i>Militia—</i>			
53. Armories			
54. Rifle Ranges			
<i>Inspection—</i>			
55. Inspection of Buildings			
56. Inspection of Wires			
57. Sealing of Weights and Measures, 32.50			
<i>Forestry—</i>			
58. Insect Pest Extermination			
59. Planting and Trimming Trees			
60. Forest Fires,	198.04		
<i>Other Protection of Persons and Property—</i>			
61. Bounties			
62.			
63.			
Total from protection of Persons and Property,	\$233.55		\$233.55
Total forward,			\$308,818.89

# PAYMENTS

Objects of Payments.	Expenses	Outlays	Total
Total forward,			\$14,770.68
Protection of Persons and Property forward,	\$8,484.47		
<i>Fire Department—</i>			
25. Salaries and Wages,	9,164.62		
26. Horses and Care of same, (hire),	1,785.00		
27. Equipment and Repairs,	2,106.12		
28. Hydrant Service,	321.92		
29. Fuel and Light,	854.29		
30. Maintenance of Buildings, etc.,	525.78		
31. New Buildings,			
32. Other Expenses,	131.33		
<i>Militia—</i>			
33. Armories			
34. Rifle Ranges,	5.80		
<i>Inspection—</i>			
35. Inspection of Buildings			
36. Inspection of Wires			
37. Sealing of Weights and Measures,	554.21		
<i>Forestry—</i>			
38. Insect Pest Extermination,	2,803.78	250.00	
39. Planting and Trimming Trees,	1,211.27		
40. Forest Fires,	2,042.52	538.26	
<i>Other Protection—</i>			
41. Bounties,			
42. Fish Wardens			
43. Shell Fisheries,	600.00		
44. Inland Fisheries,	79.00		
Sea Wall,		1,150.00	
Total for Protection of Persons and Property,	\$30,670.11	\$1,938.26	\$32,608.37
Total forward,			\$47,379.05

# RECEIPTS

Sources of Receipts.	Revenue for Expenses	Offsets to Outlays	Total
Total forward,			\$308,818.89
<i>Sec. Health and Sanitation.</i>			
<i>Health—</i>			
64. Quarantine and Contagious Disease			
65. Tuberculosis			
66. Miscellaneous,	\$1.20		
67. Inspection			
<i>Sanitation—</i>			
68. Sewers and Sewage Disposal,	207.52		
69. Sewer Construction			
70. Refuse and Garbage Disposal			
71. Street Cleaning			
<i>Other Health and Sanitation—</i>			
72			
73.			
Total from Health and Sanitation,	\$208.72		\$208.72
Total forward,			\$309,027.61

# PAYMENTS

Objects of Payments.	Expenses	Outlays	Total
Total forward,			\$47,379.05
<i>1c. Health and Sanitation—</i>			
<i>Health—</i>			
45. General Administration,	\$593.87		
46. Quarantine and Contagious Disease,	1,304.57		
47. Tuberculosis,	1,793.27	74.80	
48. Vital Statistics,	178.00		
49. Other Expenses,	1,065.60		
50. Inspection			
a. Inspection of School Children,	1,150.76		
b. Inspection of Animals,	200.00		
c. Inspection of Meats and Provisions,	845.00		
d. Inspection of Milk and Vinegar			
<i>Sanitation—</i>			
51. Sewer Maintenance and Operation,	2,205.66		
52. Metropolitan Sewer Maintenance			
53. Sewer Construction,		1,345.02	
54. Refuse and Garbage Disposal,	826.36	374.25	
55. Street Cleaning,	915.47		
<i>Other Health and Sanitation—</i>			
56. Sanitarries,	349.03		
57. Care of Brooks and Streams,	64.58		
58. Draining of Ponds			
59.			
Total for Health and Sanitation,	\$11,492.17	\$1,794.07	\$13,286.24
Total forward,			\$60,665.29

# RECEIPTS

Sources of Receipts.	Revenue for Expenses	Offsets to Outlays	Total
Total forward,			\$309,027.61
<i>8d. Highways—</i>			
74. General,	\$168.25		
75. Construction			
76. Sidewalks and Curbing,	20.56		
77. Snow and Ice Removal			
78. Sprinkling			
a. Water			
b. Other,	6.93		
79. Lighting			
80. Miscellaneous			
Total from Highways,	\$195.74		\$195.74
<i>8e. Charities—</i>			
81. Almshouse and Town Farm			
a. Sale of Produce and Stock			
b. Board,	\$181.00		
c. Miscellaneous,	1.00		
82. Reimbursements for Relief Given			
a. From Individuals,	141.48		
b. From Other Cities and Towns,	1,125.66		
c. From the State,	1,467.48		
83. Reimbursements for Mothers' Aid			
a. From Individuals			
b. From Other Cities and Towns			
c. From State,	322.35		
84. Municipal General Hospitals			
85. Miscellaneous			
Total from Charities,	\$3,238.97		\$3,238.97
Total forward,			\$312,462.32



## PAYMENTS

Objects of Payments.	Expenses	Outlays	Total
Total forward,			\$60,665.29
1d. <i>Highways</i> —			
60. General Administration,	\$1,296.47		
61. General Highway Expenditures,	30,815.56	\$867.70	
62. Construction,		5,898.43	
63. Sidewalks and Curbing,	3,180.42	766.53	
64. Snow and Ice Removal,	118.25		
65. Sprinkling			
a. Water,	812.28		
b. Other,	3,123.05		
66. Lighting,	9,466.31		
67. Other Expenses,			
a. Town Pump, Drinking Fountains,	24.21	179.87	
b. Signs, Guide Boards, etc.,	77.00		
c. Public Float,	46.21		
d. Harbor Master,	151.60		
e. Repairs to Wharf,	2,319.30		
f. Survey of Street Lines,	400.00		
g. Anchorage Basin,		495.07	
Total for Highways,	\$51,830.66	\$8,207.60	\$60,038.26
1e. <i>Charities</i> —			
68. General Administration,	\$382.15		
69. Almshouse or Town Farm,	6,110.77		
70. Outside Relief by City or Town,	8,854.89		
71. Relief given by Other Cities and Towns,	1,188.01		
72. Mothers' Aid			
a. Relief given by City or Town,	2,899.00		
b. Relief given by other Cities and Towns			
73. Hospitals			
a. Municipal General		b. Private or Quasi-public	
74. Other Expenses			
a. Worthy Widows paid from income from O. C. National Bank Stock,	108.00		
Total for Charities,	\$19,542.82		\$19,542.82
Total forward,			\$140,246.37

# RECEIPTS

Sources of Receipts.	Revenue for Expenses	Offsets to Outlays	Total
Total forward,			\$312,462.32
<i>8f. Soldiers' Benefits—</i>			
86. State Aid,	\$3,618.00		
87. Military Aid,	72.00		
88. Soldiers' Burials,	200.00		
89. Soldiers' Relief			
Total from Soldiers' Benefits,	\$3,890.00		\$3,890.00
<i>8g. Schools—</i>			
90. Tuition and Transportation of State Wards,	\$66.60		
91. Other Tuition,	261.00		
92. Sale of Text Books, etc.,	87.25		
93. Miscellaneous,	129.00		
Total from Schools,	\$543.85		\$543.85
<i>8h. Libraries—</i>			
94. Fines, Rentals and Sales			
95. Miscellaneous			
Total from Libraries			
Total forward,			\$316,896.17

## PAYMENTS

Objects of Payments.	Expenses	Outlays	Total
Total forward,			\$140,246.37
<i>1f. Soldiers' Benefits—</i>			
75. General Administration			
76. State Aid,	\$3,428.00		
77. Military Aid,	156.00		
78. Soldiers' Burials,	100.00		
79. Soldiers' Relief,	4,234.48		
	<hr/>		
Total for Soldiers' Benefits,	\$7,918.48		\$7,918.48
<i>1g. Schools—</i>			
80. General Expenses			
a. Administrative Salaries,	\$2,207.50		
b. Other General Salaries,	504.00		
c. Other General Expenses,	1,256.62		
81. Teachers' Salaries,	51,904.58		
82. Text Books and Supplies,	4,902.62		
83. Tuition,	98.50		
84. Transportation,	2,134.57		
85. Support of Truants,	108.30		
86. Janitors' Services,	6,096.85		
87. Fuel and Light,	6,796.11		
88. Maintenance of Buildings and Grounds,	4,078.24		
89. New Buildings,		\$472.25	
90. Furniture and Furnishings,	383.03	2,746.18	
91. Rent			
92. Other Expenses,	148.98		
	<hr/>	<hr/>	
Total for Schools,	\$80,619.90	\$3,218.43	\$83,838.33
<i>1h. Libraries—</i>			
93. Salaries and Wages			
94. Books, Periodicals, etc.			
95. Binding			
96. Fuel and Light,			
97. Buildings			
98. Other Expenses,	2,292.34		
	<hr/>		
Total for Libraries,	\$2,292.34		\$2,292.34
			<hr/>
Total forward,			\$234,295.52

RECEIPTS

Sources of Receipts.	Revenue for Expenses	Offsets to Outlays	Total
Total forward,			\$316,896.17
<i>Si. Recreation—</i>			
96. Parks and Gardens,	\$24.00		
97. Playgrounds and Gymnasias			
98. Bathhouses and Beaches,	194.10		
99. Celebrations and Entertainments			
Total from Recreation,	\$218.10		\$218.10
Total forward,			\$317,114.27

# PAYMENTS

Objects of Payments.	Expenses	Outlays	Total
Total forward,			\$234,295.52
1i. Recreation—			
99. General Administration			
a. Salaries and Wages			
b. Other Expenses			
100. Parks and Gardens			
a. Salaries and Wages, \$1,343.65			
b. Improvements and Additions,		250.00	
c. Metropolitan Park Maintenance			
d. Other Expenses,	454.03		
101. Playgrounds and Gymnasias			
a. Salaries and Wages,	5.10		
b. Improvements and Additions,		2,500.00	
c. Other Expenses			
102. Bathhouses and Beaches			
a. Salaries and Wages,	255.80		
b. Improvements and Additions,			
c. Other Expenses,	397.76		
103. Celebrations and Entertainments,			
a. Fourth of July,	508.00		
b. Labor Day			
c. Band Concerts			
d. All Other			
Total for Recreation,	\$2,964.34	\$2,750.00	\$5,714.34
Total forward,			\$240,009.86

RECEIPTS

Sources of Receipts.	Revenue for Expenses	Offsets to Outlays	Total
Total forward,			\$317,114.27
<i>8j. Pensions—</i>			
100.			
Total from Pensions			
<i>8k. Unclassified—</i>			
101. Receipts not Recorded under Previous Classifications			
Total from Unclassified			
Total forward,			\$317,114.27



# PAYMENTS

Objects of Payments.	Expenses	Outlays	Total
Total forward,			\$240,009.86
<i>1j. Pensions</i>			
104. Retirements made from:—			
a. Department			
b. Department			
c. Department			
d. Department			
	<hr/>	<hr/>	
Total for Pensions			
<i>1k. Unclassified—</i>			
105. Damages to Persons and Personal Property,	\$969.65		
106. Memorial Day,	225.00		
107. City and Town Clocks,		\$3,146.00	
108. Searching Parties			
109. Ice for Drinking Fountains			
110. Payments not Recorded Previously			
a. Sexton,	125.00		
b. Printing Town Reports,	836.58		
c.			
d.			
	<hr/>	<hr/>	
Total for Unclassified,	\$2,156.23	\$3,146.00	\$5,302.23
			<hr/>
Total forward,			\$245,312.09

## RECEIPTS

Sources of Receipts.	Revenue for Expenses	Offsets to Outlays	Total
Total forward,			\$317,114.27

### 9. PUBLIC SERVICE ENTERPRISES.

102. Electric			
a. Income from sale of Light and Power			
b. Miscellaneous			
103. Gas			
a. Income from sale of gas			
b. Sale of By-products			
c. Miscellaneous			
104. Water			
a. Income from sale of Water,	\$38,261.09		
b. Miscellaneous,	690.96		
105. All Other			
a. Markets			
b. Public Scales			
c. Docks and Wharves			
d. Ferries			
e. Herring and Alewife Fisheries,	659.50		
Total from Public Service Ent.,	\$39,611.55		\$39,611.55

### 10. CEMETERIES.

106. Sale of Lots and Graves,	\$564.77	
107. Care of Lots and Graves,	755.70	
108. Care of Endowed lots,	654.89	
109. Miscellaneous,	1,460.24	
Total from Cemeteries,	\$3,435.60	\$3,435.60

### 11. ADMINISTRATION OF TRUST FUNDS.

110.		
111.		
112.		
Total from Administration of Trust Funds		
Total forward,		\$360,161.42

## PAYMENTS

Objects of Payments.	Expenses	Outlays	Total
Total forward,			\$245,312.09

### 2. PUBLIC SERVICE ENTERPRISES.

111. Electric			
a. Maintenance and Operation			
b. Construction			
112. Gas			
a. Maintenance and Operation			
b. Construction			
113. Water			
a. Maintenance and Operation,	\$16,434.26		
b. Metropolitan Water Maint.			
c. Construction			
114. All Other			
a. Markets			
b. Public Scales			
c. Docks and Wharves			
d. Ferries			
e. Herring and Alewife Fisheries,	26.90		
f. Miscellaneous,			
Total for Public Service Ent.,	\$16,461.16		\$16,461.16

### 3. CEMETERIES.

115. Maintenance,	6,860.60		
116. Improvements and Additions,		\$1,506.08	
Total for Cemeteries,	\$6,860.60	\$1,506.08	\$8,366.68

### 4. ADMINISTRATION OF TRUST FUNDS.

117.			
118.			
119.			
Total for Admin. of Trust Funds			
Total forward,			\$270,139.93

# RECEIPTS

Sources of Receipts.	Revenue for Expenses	Indebtedness	Total
Total forward,			\$360,161.42

## 12. INTEREST.

113. On Deposits,	\$23.33	
114. On Deferred Taxes,	3,200.88	
115. On Deferred Special Assessments		
116. On Sinking Funds		
117. On Investment Funds	300.00	
118. On Public Trust Funds		
a. Charity	100.07	
b. School,	18.48	
c. Library,	67.70	
d. Cemetery,	55.00	
e. All Other,	101.25	
119. Miscellaneous,		
Total from Interest,	<u>\$3,866.71</u>	\$3,866.71

## 13. MUNICIPAL INDEBTEDNESS.

120. Loans in Anticipation of Revenue,	\$165,000.00	
121. Other Temporary Loans		
122. Loans for General Purposes,	500.00	
123. Trust Funds Used		
124. Loans for Public Service Enterprises		
125. Loans for Cemeteries		
126. Bonds Refunded, Current Year		
127. Premiums		
128. Unpaid Warrants or Orders of Current Year		
	<u>\$165,500.00</u>	\$165,500.00
Total forward,		<u>\$529,528.13</u>

# PAYMENTS

Objects of Payments.	Expenses	Indebtedness	Total
Total forward,			\$270,139.93

## 5. INTEREST.

120.	On Loans in Anticipation of Revenue,	\$3,071.38	
121.	On Other Temporary Loans		
122.	On Loans for General Purposes,	4,629.75	
123.	On Trust Funds Used		
124.	On Loans for Public Service Enterprises,	3,302.00	
125.	On Loans for Cemeteries		
126.	Metropolitan Interest Requirements,		
	a. Sewer      b. Park      c. Water		
127.	State Assessment for Interest on Account of Abolition of Grade Crossings		
128.	All Other		
Total for Interest,	\$11,003.13		\$11,003.13

## 6. MUNICIPAL INDEBTEDNESS.

129.	Loans in Anticipation of Revenue,	\$165,000.00	
130.	Other Temporary Loans		
131.	Bonds and Notes from Sinking Funds		
	a. General		
	b. Public Service Enterprises,		
	c. Cemeteries		
132.	Bonds and Notes from Revenue		
	a. General,	\$25,350.00	
	b. Public Service Enterprises,	11,866.66	
	c. Cemeteries		
133.	Metropolitan Sinking Fund and Serial Loan Requirements		
	a. Sewer      b. Park      c. Water		
134.	State Assessment for Abolition of Grade Crossings Loan Fund		
135.	Bonds Refunded, Current Year		
136.	Warrants or Orders of Previous Years		
Total for Municipal Indebt.,	\$37,216.66	\$165,000.00	\$202,216.66
Total forward,			\$483,359.72

# RECEIPTS

Sources of Receipts.	Non-Revenue	Total
Total forward,		\$529,528.13
14. SINKING FUNDS.		
<i>From Commissioners to meet Loans for—</i>		
129. General Purposes		
130. Public Service Enterprises		
131. Cemeteries		
Total from Sinking Funds		
	Temporary Accounts	
15. AGENCY, TRUST AND INVESTMENT TRANSACTIONS.		
<i>Agency—</i>		
132. Taxes		
a. State		
b. Non-resident Bank		
c. County		
Included in General Tax Receipts		
133. Liquor Licenses collected for State		
134. Reimbursements for Abolition of Grade Crossings		
135. All Other		
<i>Trust—</i>		
136. Perpetual Care Funds,	\$2,347.82	
137. Other Permanent Public Trust Funds		
138. Income for Investment		
139. Private Trust Funds and Accounts		
a. Guarantee Deposits		
b. Protested Taxes and Assessments		
c. Tailings		
d. All Other		
<i>Investment—</i>		
140. Sinking Fund Securities		
141. Investment Fund Securities		
Total from Agency, Trust and Investment Transactions,	\$2,347.82	\$2,347.82
Total forward,		\$531,875.95



## PAYMENTS

Objects of Payments.	From Revenue	From Non- Revenue	Total
Total forward,			\$483,359.72

### 7. SINKING FUNDS.

#### *To Commissioners for Debt Requirements—*

- 137. From Taxes, Earnings, etc.
- 138. From Special Assessments
- 139. From Sale of Real Estate, etc.
- Total for Sinking Funds

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Temporary  
Accounts

### 8. AGENCY, TRUST AND INVESTMENT TRANSACTIONS

#### *Agency—*

- 140. Taxes
  - a. State, \$28,275.00
  - b. Non-resident Bank, 4,521.48
  - c. County, 16,255.23
- 141. Liquor Licenses Remitted to State
- 142. Abolition of Grade Crossings
- 143. All Other

#### *Trust—*

- 144. Perpetual Care Funds, \$2,347.82
- 145. Other Permanent Public Trust Funds
- 146. Income Invested
- 147. Private Trust Funds and Accounts
  - a. Return of Guarantee Deposits
  - b. Return of Protested Taxes and Assessments
  - c. Tailings
  - d. All Other

#### *Investment—*

- 148. Sinking Fund Securities
- 149. Investment Fund Securities

Total for Agency, Trust, and Investment Transactions,	\$51,399.53	\$51,399.53
Total forward,		\$534,759.25

RECEIPTS

Sources of Receipts.	Temporary Accounts and Cash Balances	Total
Total forward,		\$531,875.95

16. REFUNDS.

142. Taxes		
143. Licenses		
144. Special Assessments		
145. General Departments,	\$79.31	
146. Public Service Enterprises		
147. Cemeteries		
148. Accrued Interest		
149. All Other		
Total Refunds,	<hr/> \$79.31	\$79.31

17. TRANSFERS.

150. Departmental		
a. Highways from Departments,	\$458.05	
b. Departments from Reserve Account,	6,998.82	
c.		
d.		
e.		
Total Transfers,	<hr/> \$7,456.87	\$7,456.87

18. BALANCES.

151. General,	\$4,847.85	
152. Sinking Fund		
153. Investment Fund		
154. Public Trust Fund		
155. Private Trust Funds and Accounts		
Total Cash on Hand beginning of Year,	<hr/> \$4,847.85	\$4,847.85
Grand Total Receipts and Cash on Hand,		<hr/> \$544,259.98

## PAYMENTS

Objects of Payments.	Temporary Accounts and Cash Balances	Total
Total forward,		\$534,759.25

### 9. REFUNDS.

150. Taxes		
151. Licenses		
152. Special Assessments		
153. General Departments,	\$79.31	
154. Public Service Enterprises		
155. Cemeteries		
156. Accrued Interest		
157. All Other		
Total Refunds,	<hr/> \$79.31	\$79.31

### 10. TRANSFERS.

158. Departmental		
a. Departments to Highway		
Department,	\$458.05	
b. Reserve Account to Departments,	6,998.82	
c.		
d.		
e.		
Total Transfers,	<hr/> \$7,456.87	\$7,456.87

### 11. BALANCES.

159. General,	\$1,964.55	
160. Sinking Fund		
161. Investment Fund		
162. Public Trust Fund		
163. Private Trust Funds and Accounts		
Total Cash on Hand End of Year,	<hr/> \$1,964.55	\$1,964.55
Grand Total Payments and Cash on Hand,		<hr/> \$544,259.98

## SCHEDULE B.

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Being a detailed statement of each appropriation, showing the additions to and the payments from.

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### SELECTMEN'S DEPARTMENT.

Appropriation,		\$1,800.00
<i>Payments—</i>		
Salaries and Wages,		
Chairman,	\$600.00	
Other Selectmen,	543.34	
Clerks,	293.86	
	<hr/>	
Total Salaries and Wages,		\$1,437.20
<i>Other Expenses—</i>		
Stationery and Postage,	\$35.28	
Printing and Advertising,	173.51	
Carfares, Teams, etc.,	58.80	
All Other,	5 75	
	<hr/>	
Total Other Expenses,		273.34
		<hr/>
Total Payments,		1,710.54
		<hr/>
Balance to Excess and Deficiency,		\$89.46

# ACCOUNTING DEPARTMENT.

Appropriation,		\$1,400.00
<i>Payments—</i>		
Salaries and Wages,		
Town Accountant,	\$1,150.00	
Other Expenses—		
Stationery and Postage,	\$32.46	
Printing and Advertising,	32.10	
	<hr/>	
Total Other Expenses,	64.56	
	<hr/>	
Total Payments,		1,214.56
		<hr/>
Balance to Excess and Deficiency,		\$185.44

# TREASURY DEPARTMENT.

Appropriation,		\$1,200.00
<i>Payments—</i>		
Salaries and Wages,		
Town Treasurer,	\$1,000.00	
Other Expenses—		
Stationery and Postage,	\$71.12	
Printing and Advertising,	41.27	
Treasurer's Bond,	79.17	
Total Other Expenses,	\$191.56	
	<hr/>	
Total Payments,		1,191.56
		<hr/>
Balance to Excess and Deficiency,		\$8.44

# TAX COLLECTOR'S DEPARTMENT.

Receipts Credited to Estimated		
Receipts,	\$1.00	
Appropriation,		\$1,400.00
<i>Payments—</i>		
Salaries and Wages,		
Tax Collector,	\$1,000.00	
Clerical Assistance,	43.34	
	<hr/>	
Total Salaries and Wages,		\$1,043.34
<i>Other Expenses—</i>		
Stationery and Postage,	\$220.24	
Printing and Advertising,	27.85	
Collector's Bond,	50.00	
	<hr/>	
Total Other Expenses,		\$298.09
		<hr/>
Total Payments,		\$1,341.43
		<hr/>
Balance to Excess and Deficiency,		\$58.57

# ASSESSORS' DEPARTMENT.

Appropriation,		\$2,700.00
<i>Payments—</i>		
Salaries and Wages,		
Assessors,	\$2,061.00	
Clerical Assistance,	174.00	
	<hr/>	
Total Salaries and Wages,		\$2,235.00
<i>Other Expenses—</i>		
Stationery and Postage,	\$13.55	
Printing and Advertising,	208.75	
Carfares, Teams, etc.,	100.70	
All Other,	36.97	
	<hr/>	
Total Other Expenses,		359.97
Total Payments,		\$2,594.97
		<hr/>
Balance to Excess and Deficiency,		\$105.03



ASSESSORS' PLANS.

Appropriation,	\$1,000.00
<i>Payments—</i>	
Survey and Plans,	\$1,000.00

LAW DEPARTMENT.

Appropriation,	\$300.00	
Appropriated from Reserve Account,	313.56	
	<hr/>	
Total Appropriation,		\$613.56
<i>Payments—</i>		
Salaries and Wages,		
Town Counsel,	\$100.00	
Special Attorneys,	461.25	
	<hr/>	
Total Salaries and Wages,		\$561.25
Other Expenses—		
Telephone,	\$2.11	
All Other,	50.20	
	<hr/>	
Total Other Expenses,		\$52.31
	<hr/>	
Total Payments,		\$613.56

TOWN CLERK'S DEPARTMENT.

Appropriation,		\$450.00
<i>Payments—</i>		
Salaries and Wages,		
Town Clerk,	\$100.00	
Fees for Recording,	200.50	
	<hr/>	
Total Salaries and Wages,		\$300.50

Other Expenses—		
Stationery and Postage,	\$25.56	
Printing and Advertising,	33.32	
All Other,	16.02	
	<hr/>	
Total Other Expenses,		\$74.90
		<hr/>
Total Payments,		\$375.40
		<hr/>
Balance to Excess and Deficiency,		\$74.60

#### ELECTION AND REGISTRATION.

Receipts credited to Estimated		
Receipts,	\$6.00	
Appropriation,		\$950.00
<i>Payments—</i>		
Salaries and Wages—		
Registrars,	\$222.00	
Clerk,	100.00	
Election Officers,	220.00	
Clerical Assistance,	21.67	
	<hr/>	
Total Salaries and Wages,		\$563.67
Other Expenses—		
Stationery and Postage,	\$2.65	
Printing and Advertising,	198.25	
Meals,	115.60	
Carfares, Teams, etc.,	7.00	
All Other,	.27	
	<hr/>	
Total Other Expenses,		\$323.77
		<hr/>
Total Payments,		\$887.44
		<hr/>
Balance to Excess and Deficiency,		\$62.56

# MAINTENANCE OF TOWN HOUSE.

Receipts credited to Estimated		
Receipts,	\$1.00	
Appropriation,		\$1,800.00
<i>Payments—</i>		
Salaries and Wages—		
Salary of Janitor,	\$366.63	
Other Expenses—		
Fuel and Light,	\$162.58	
Janitor's Supplies,	23.65	
Repairs,	549.70	
Telephone Service,	20.99	
New Equipment,	349.51	
Election Expenses,	172.61	
All Other,	145.21	
	<hr/>	
Total Other Expenses,	\$1,424.25	
	<hr/>	
Total Payments,		\$1,790.88
		<hr/>
Balance to Excess and Deficiency,		\$9.12

# TOWN HOUSE, ADDITION TO VAULT.

Balance from 1914,	\$1,000.00	
Appropriated from Reserve Account,	97.23	
	<hr/>	
Total Appropriations,		\$1,097.23
<i>Payments—</i>		
Mason Work,	\$690.00	
Lumber and Carpenter Work,	252.23	
Vault Doors,	150.00	
Teaming,	5.00	
	<hr/>	
Total Payments,		\$1,097.23

Note—Part of the expense of the Vault, in addition to the above, was paid by the Water Department, and is shown in the statement of the Water Department Appropriation.

# POLICE DEPARTMENT.

Receipts credited to Estimated

Receipts,	\$3.01	
Appropriation,		\$8,500.00

## *Payments—*

### Salaries and Wages—

Chief,	\$1,375.00	
Patrolmen,	5,706.30	
Special Officers,	192.25	
Keeper of Lock-up,	22.50	
Janitor,	360.00	
Other Employees,	79.80	

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Total Salaries and Wages,	\$7,735.85	
Horse and Auto Hire,	131.85	
Equipment for Men,	18.44	
Fuel and Light,	298.96	

### Maintenance of Buildings and Grounds—

Repairs,	\$49.05	
Janitor's Supplies,	38.28	
All Other,	43.75	

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Total Maintenance of B and G,	\$131.08	
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### Other Expenses—

Printing, Stationery and Postage,	\$21.89	
Telephones,	73.16	
All Other,	73.24	

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Total Other Expenses,	\$168.29	
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Total Payments,	\$8,484.47	
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Balance to Excess and Deficiency,	\$15.53	
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FIRE DEPARTMENT.

Appropriation, \$15,000.00

*Payments—*

Salaries and Wages—

Chief,	\$140.00
Other Engineers,	280.00
Clerk,	25.00
Firemen,	5,306.00
Call Men,	3,061.16
Other Employees,	352.46

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Total Salaries and Wages,	\$9,164.62
Horse and Auto Hire,	1,785.00

Equipment and Repairs—

Apparatus,	\$190.94
Hose,	677.88
Equipment for Men,	116.12
Fire Alarm,	749.60
Motor Apparatus,	138.11
All Other,	233.47

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Total Equipment and Repairs,	\$2,106.12
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Hydrant Service—

New Hydrants,	\$271.60
Repairs,	50.32

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Total Hydrant Service,	\$321.92
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Fuel and Light—

Coal and Wood,	\$663.09
Gas and Electricity,	191.20

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Total Fuel and Light,	\$854.29
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Maintenance of Buildings and Grounds—

Carpentry and Painting,	\$38.37
Plumbing,	8.30
Janitors' Supplies,	186.27
All Other,	292.84

Total Maintenance of B and G,	\$525.78
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Other Expenses—

Stationery and Postage,	\$17.79
Printing and Advertising,	3.35
Telephone,	48.58
Freight and Express,	38.20
All Other,	23.41

Total Other Expenses,	\$131.33
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Total Payments,	\$14,889.06
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Balance to Excess and Deficiency,	\$110.94
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FIRE DEPARTMENT, MOTOR APPARATUS.

Balance from 1914,	\$66.54
No. Payments.	

RIFLE RANGE.

Appropriation from Reserve Account,	\$5.80
<i>Payments—</i>	
Repairs,	\$5.80

SALE OF ARMORY.

Balance from 1914,	\$1,366.38
<i>Payments—</i>	
Transferred by the Town to Town Debt, and Interest Account,,	\$1,366.38



# SEALING OF WEIGHTS AND MEASURES.

Receipts credited to Estimated		
Receipts,	\$32.50	
Appropriation,		\$500.00
Appropriated from Reserve Account,		54.21
		<hr/>
Total Appropriation,		\$554.21
<i>Payments—</i>		
Salaries and Wages—		
Sealer,	\$330.00	
Labor,	46.00	
	<hr/>	
Total Salaries and Wages,		\$376.00
Other Expenses—		
Stationery and Postage,	\$7.90	
Printing and Advertising,	2.50	
Carfares, Teams, etc.,	82.50	
All Other,	85.31	
	<hr/>	
Total Other Expenses,		\$178.21
		<hr/>
Total Payments,		\$554.21

# GYPSY AND BROWN TAIL MOTH SUPPRESSION

Receipts, credited to Estimated		
Receipts, 1915 Moth Tax,	\$129.12	
Appropriation,		\$2,800.00
Appropriated from Reserve Account,		3.78
		<hr/>
Total Appropriation,		\$2,803.78
<i>Payments—</i>		
Salaries and Wages—		
Superintendent,	\$444.00	
Labor,	1,028.30	
	<hr/>	
Total Salaries and Wages,		\$1,472.30

Other Expenses—		
Printing, Stationery and Postage,	\$3.50	
Insecticides,	521.09	
Hardware and Tools,	79.07	
Carfares, Teams, etc.,	644.95	
Telephone,	9.94	
All Other,	72.93	
	<hr/>	
Total Other Expenses,	\$1,331.48	
	<hr/>	
Total Payments,		\$2,803.78

#### MOTH SUPPRESSION, POWER SPRAYER.

Appropriation,	\$250.00
<i>Payments—</i>	
Sprayer,	\$250.00

#### TREE WARDEN'S DEPARTMENT.

Appropriation,	\$1,200.00	
Appropriated from Reserve Account,	11.40	
	<hr/>	
Total Appropriation,		\$1,211.40
<i>Payments—</i>		
Salaries and Wages—		
Tree Warden,	\$378.75	
Labor,	430.60	
	<hr/>	
Total Salaries and Wages,	\$809.35	
Other Expenses—		
Hardware and Tools,	\$57.96	
Telephone,	17.76	

Insecticides,	94.53	
Carfares, Teams, etc.,	200.15	
All Other,	31.52	
	<hr/>	
Total Other Expenses,	\$401.92	
	<hr/>	
Total Payments,		\$1,211.27
		<hr/>
Balance to Excess and Deficiency,		\$ .13

# FOREST WARDEN'S DEPARTMENT.

Receipts, credited to Estimated		
Receipts,	198.04	
Appropriation,		\$2,500.00
Appropriated for 1914 Bills,		60.00
	<hr/>	
Total Appropriation,		\$2,560.00
<i>Payments—</i>		
Salaries and Wages—		
Forest Warden,	\$200.00	
Watchmen,	17.20	
Labor Fighting Fires,	815.63	
	<hr/>	
Total Salaries and Wages,	\$1,032.83	
Other Expenses—		
Apparatus,	\$416.79	
Team Hire,	335.50	
Meals,	12.16	
Telephone,	29.64	
Repairs to Watch Tower,	48.52	
All Other,	167.08	
	<hr/>	
Total Other Expenses,	\$1,009.69	
	<hr/>	
Total Payments,		\$2,042.52
		<hr/>
Balance to Excess and Deficiency,		\$517.48

### FOREST WARDEN'S TRUCK.

Balance from 1914,	\$68.64	
Appropriation,	500.00	
	<hr/>	
Total,		\$568.64
<i>Payments—</i>		
Installing new engine,	\$503.40	
Water tanks,	34.86	
	<hr/>	
Total Payments,		\$538.26
		<hr/>
Balance Remaining,		\$30.38

### SHELL FISH.

Appropriation,	\$600.00
<i>Payments—</i>	
Salary of Supervisor,	\$600.00

### INLAND FISHERIES.

Appropriation,	\$300.00
<i>Payments—</i>	
Fry for stocking,	79.00
	<hr/>
Balance to Excess and Deficiency,	\$221.00

### SEA WALL AT WARREN'S COVE.

Appropriation,	\$1,150.00
<i>Payments—</i>	
Paid the Commonwealth the Town's Share, 50 per cent. of the Total cost of the Sea Wall,	\$1,150.00

# HEALTH DEPARTMENT.

## Receipts Credited to Estimated

Receipts,	\$1.20
Appropriation, March 27, 1915,	\$5,000.00
Appropriation, March 27, 1915 for 1914 Bills,	419.02
Appropriated from the Reserve Account,	679.50
Appropriation, December 11, 1915,	1,200.00

Total Appropriations,	<hr/>	\$7,298.52
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## *Payments—*

### General Expenses—

Salary of Chairman,	\$225.00
Salary of Secretary,	125.00
Clerical Assistance,	25.00
Stationery and Postage,	25.27
Printing and Advertising,	41.29
All Other,	152.31

Total General Expenses,	<hr/>	\$593.87
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### Quarantine and Contagious Diseases—

Board and Treatment,	\$134.86
Medical Attendance,	520.50
Guards and Nurses,	233.43
Drugs and Medicines,	2.75
Dry Goods and Clothing,	1.00
Groceries and Provisions,	309.08
All Other,	102.95

Total Quarantine, etc.,	<hr/>	\$1,304.57
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### Tuberculosis—

Board and Treatment,	\$356.35
Groceries and Provisions,	514.93
All Other,	468.64

Total Tuberculosis,	<hr/>	\$1,339.92
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Tuberculosis Dispensary—		
Fittings,	\$74.80	
Physician,	105.00	
Nurse,	26.00	
Supplies,	137.25	
Rent,	137.50	
Electricity,	5.00	
Janitor Service,	42.60	
	<hr/>	
Total Dispensary,		\$528.15
Vital Statistics—		
Births,	\$94.25	
Deaths,	83.75	
	<hr/>	
Total Vital Statistics,		\$178.00
Other Expenses—		
Agent,	\$342.88	
Plumbing Inspectors,	517.00	
Fumigation and Disinfectants,	137.23	
Vaccination,	9.00	
All Other,	59.49	
	<hr/>	
Total Other Expenses,		\$1,065.60
Inspection—		
Inspector of Animals,	\$200.00	
Inspector of Meats and Provisions,	845.00	
	<hr/>	
Total Inspection,		\$1,045.00
Public Dumps—		
Labor,	\$754.15	
Expenses,	72.21	
Outlays, Standish Avenue,	374.25	
	<hr/>	
Total Public Dumps,		\$1,200.61
		<hr/>
Total Payments,		\$7,255.72
		<hr/>
Balance to Excess and Deficiency,		\$42.80



# HEALTH DEPARTMENT, LAND FOR DUMP.

Balance from 1914,	\$200.00
No Payments.	

## SEWER MAINTENANCE.

Receipts, credited to Estimated Receipts,		
Labor, etc.,	\$207.52	
Appropriation,		\$2,000.00
Appropriated from Reserve Account,		299.64
		<hr/>
Total Appropriation,		\$2,299.64
<i>Payments—</i>		
Labor,	\$1,643.55	
Teams,	51.97	
Equipment,	8.80	
Pipe and Fittings,	277.68	
Brick and Cement,	8.50	
Highland Avenue Extension,	46.83	
Alden Court Extension,	47.15	
All Other,	215.16	
	<hr/>	
Total Payments,		\$2,299.64

## PUBLIC SANITARIES.

Appropriation,		\$350.00
<i>Payments—</i>		
Janitor,	\$165.00	
Supplies,	165.97	
Repairs,	18.06	
	<hr/>	
Total Payments,		\$349.03
		<hr/>
Balance to Excess and Deficiency,		\$ .97

# CLEARING EEL RIVER.

Appropriated from Reserve Account,	\$64.58
<i>Payments—</i>	
Labor,	\$64.58

## ROADS AND BRIDGES.

Receipts credited to Estimated Receipts,	
Labor, etc.,	\$168.25
Appropriation, March 27, 1915,	\$25,000.00
From Revenue for State Highway Tax,	1,175.58
Appropriated from Reserve Account,	3,291.94
Appropriation, October 23, 1915,	4,650.00
	<hr/>
Total Appropriations, etc.,	\$34,117.52
<i>Payments—</i>	
General Administration—	
Superintendent,	\$1,149.91
Other Expenses,	146.56
	<hr/>
Total General Administration,	\$1,296.47
General Highway Expenditures—	
Labor,	\$16,607.34
Teams,	2,908.60
Stone Gravel, etc.,	3,047.50
Tar and Oils,	1,506.15
Pipe and Cement,	482.31
Equipment and Repairs,	2,126.11
Hay and Grain,	1,876.86
Horse Shoeing and Care,	220.19
Freight and Express,	27.93
Coal and Wood,	102.63
State Highway Tax,	1,175.58
All Other,	1,073.88
	<hr/>
Total General Expenditures,	\$31,155.08

Street Cleaning—		
Labor,	\$764.67	
Teams,	126.47	
All Other,	24.33	
	<hr/>	
Total Street Cleaning,		\$915.47
Other Expenses—		
Drinking Fountains,	\$24.21	
Street Signs,	77.00	
Fences,	483.18	
Town Float,	46.21	
	<hr/>	
Total Other Expenses,		\$630.60
	<hr/>	
Total Payments,		\$33,997.62
		<hr/>
Balance to Excess and Deficiency,		\$119.90

#### HIGHWAY CONSTRUCTION.

Balance from 1914,	\$3,057.09	
Appropriation,	10,650.00	
	<hr/>	
Total,		\$13,707.09
<i>Payments—</i>		
Beaver Dam Road—		
Labor,	\$13.80	
Teams,	12.00	
	<hr/>	
Total Beaver Dam Road,		\$25.80
Water Street Extension—		
Labor,	\$1,279.71	
Teams,	421.44	
Filling,	1,169.05	
Pipe, etc., for Culvert,	349.82	
Land Damage,	568.65	
All Other,	.49	
	<hr/>	
Total Water Street Extension,		\$3,789.16

Water Street Extension Sewer—

Labor, \$769.48

Pipe, etc., 481.56

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Total Water Street Extension Sewer, \$1,251.04

Savery's Lane—

Repairing Fence, \$25.03

State Highway—

Land Damage at Cedarville, \$215.00

Lewis Street—

Painting Fence, 9.30

Summer Street—

Labor, \$465.11

Teams, 46.35

Asphalt, 195.43

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Total Summer Street, \$706.89

Main Street Extension—

Labor, \$822.67

Teams, 201.79

All Other, 23.73

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Total Main Street Extension, \$1,048.19

Other Expenses—

Engineer, \$600.00

Labor, 99.00

All Other, 148.32

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Total Other Expenses, \$847.32

Total Payments, \$7,917.73

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Balance Remaining, \$5,789.36

SAMOSSET STREET.

Balance from 1914,	\$120.31
No Payments.	

BARTLETT ROAD.

Appropriation,	\$300.00
No Payments.	

BEAVER DAM ROAD.

Appropriation,		\$500.00
<i>Payments—</i>		
Labor,	\$37.20	
Teams,	41.86	
	<hr/>	
Total Payments,		\$79.06
		<hr/>
Balance Remaining,		\$420.94

MAIN STREET EXTENSION ALTERATIONS.

Balance from 1914,	\$434.17
No Payments.	

SURVEY OF STREET LINES.

Appropriated from Reserve Account,	\$400.00
<i>Payments—</i>	
Surveying,	\$400.00

SIDEWALKS.

Receipts credited to Estimated Receipts,		
Labor and Materials,	\$20.56	
Appropriation,		\$4,000.00

<i>Payments—</i>		
Labor,	\$2,446.06	
Teams,	283.18	
Materials,	312.21	
All Other,	138.97	
	<hr/>	
Total Maintenance,	\$3,180.42	
Granolithic Walk,	766.53	
	<hr/>	
Total Payments,		\$3,946.95
Balance to Excess and Deficiency,		<hr/> \$53.05

#### SNOW AND ICE REMOVAL.

Appropriation,		\$500.00
<i>Payments—</i>		
Labor,	\$110.25	
Equipment and Repairs,	8.00	
	<hr/>	
Total Payments,		\$118.25
Balance to Excess and Deficiency,		<hr/> \$381.75

#### STREET SPRINKLING.

Receipts credited to Estimated		
Receipts,	\$6.93	
Appropriation,		\$6,000.00
<i>Payments—</i>		
Water—		
Labor,	\$18.88	
Teams,	782.45	
Equipment and Repairs,	10.95	
	<hr/>	
Total Water,	\$812.28	



Oil—		
Labor,	\$409.50	
Teams,	31.50	
Equipment and Repairs,	43.52	
Materials,	2,533.57	
All Other,	104.96	
	<hr/>	
Total Oil,	\$3,123.05	
	<hr/>	
Total Payments,		\$3,935.33
		<hr/>
Balance to Excess and Deficiency,		\$2,064.67

### STREET LIGHTING.

Appropriation,		\$10,850.00
<i>Payments—</i>		
Street Lights,	\$9,284.48	
Pilgrim Wharf Lights,	60.00	
Range Lights,	80.00	
Sign Lights,	41.83	
	<hr/>	
Total Payments,		\$9,466.31
		<hr/>
Balance to Excess and Deficiency,		\$1,383.69

### HARBOR MASTER'S DEPARTMENT.

Appropriation,	\$150.00	
Appropriated from Reserve Account,	1.60	
	<hr/>	
Total Appropriations,		\$151.60
<i>Payments—</i>		
Harbor Master,	\$150.00	
All Other,	1.60	
	<hr/>	
Total Payments,		\$151.60

PILGRIM WHARF.

Balance from 1914,	\$79.96	
Appropriation,	2,300.00	
	<hr/>	
Total,		\$2,379.96
<i>Payments—</i>		
Contract for Repairs,	\$2,250.00	
Filling,	53.50	
Labor and Teams,	15.80	
	<hr/>	
Total Payments,		\$2,319.30
		<hr/>
Balance Remaining,		\$60.66

DRINKING FOUNTAIN.

Balance from 1914,	\$250.00	
Appropriation,	750.00	
	<hr/>	
Total Appropriations,		\$1,000.00
<i>Payments—</i>		
Foundation—		
Carpenter Work and Lumber,	\$43.01	
Mason Work,	106.85	
All Other,	9.28	
	<hr/>	
Total Foundation,	\$159.14	
Plumbing,	20.73	
Total Payments,		179.87
		<hr/>
Balance Remaining,		\$820.13

SHORE PROPERTY.

Balance from 1914,	\$100.00
No Payments.	

# ANCHORAGE BASIN.

Appropriation,	\$500.00
<i>Payments—</i>	
Paid the Commonwealth the Town's share, 5 per cent. of the Total Cost of the Basin,	495.07
	<hr/>
Balance Remaining,	\$4.93

# POOR DEPARTMENT.

## *Receipts Credited to Estimated Receipts.*

Almshouse—		
Board,	\$181.00	
Miscellaneous,	1.00	
	<hr/>	
Total Almshouse,		\$182.00
Reimbursements—		
Individuals,	\$141.48	
Cities and Towns,	1,125.66	
State,	1,467.48	
	<hr/>	
Total Reimbursements,		\$2,734.62
	<hr/>	
Total Receipts,		\$2,916.62
Appropriation March 27, 1915,	\$13,000.00	
Appropriation March 27, 1915 for 1914 Bills,	939.60	
Appropriation October 23, 1915,	2,500.00	
Income from Murdock Fund,	18.47	
Income from LeBaron Fund,	61.40	
Income from Holmes Fund,	20.20	
	<hr/>	
Total Appropriations,		\$16,539.67

*Payments—*

General Administration—

Salary of Chairman of Overseers,	\$50.00	
Salary of Secretary,	250.00	
Printing, Stationery, etc.,	3.03	
All Other,	79.12	
Total General Administration,		\$382.15

Almshouse—

Salary of Superintendent,	\$599.56	
Other Salaries and Wages,	1,190.98	
Groceries and Provisions,	2,083.27	
Dry Goods and Clothing,	353.29	
Building,	234.87	
Fuel and Light,	816.10	
Equipment,	57.29	
Hay and Grain,	276.05	
All Other,	499.36	
<hr/>		
Total Almshouse,		\$6,110.77

Outside Relief by Town—

Cash,	\$1,202.27	
Rent,	1,427.90	
Groceries and Provisions,	4,413.25	
Coal and Wood,	622.73	
Board and Care,	1.80	
Medicines and Medical Attendance,	392.50	
Burials,	113.00	
State Institutions,	196.57	
Other Institutions,	314.32	
All Other,	170.55	
<hr/>		
Total Outside Relief by Town,		\$8,854.89

Relief by Other Cities and Towns—

Cities,	\$640.50	
Towns,	547.51	
	<hr/>	
Total Other Cities and Towns,	\$1,188.01	
	<hr/>	
Total Payments,		\$16,535.82
		<hr/>
Balance to Excess and Deficiency,		\$3.85

AID TO MOTHERS WITH DEPENDENT CHILDREN.

*Receipts credited to Estimated Receipts.*

Reimbursements from State,	\$322.35	
Appropriation,		\$3,000.00
<i>Payments—</i>		
General Administration, printing,	\$1.20	
Cash,	2,670.00	
Rent,	48.00	
Groceries and Provisions,	60.00	
Coal and Wood,	51.30	
Dry Goods and Clothing,	4.50	
Medical Attendance,	64.00	
	<hr/>	
Total Payments,		\$2,899.00
		<hr/>
Balance to Excess and Deficiency,		\$101.00

WIDOWS.

Balance from 1914,	\$30.00	
From Income from Bank Stock,	100.00	
	<hr/>	
Total,		\$130.00
<i>Payments—</i>		
Cash,		\$108.00
		<hr/>
Balance Remaining,		\$22.00

STATE AID.

Payments, charged to the Commonwealth,	\$3,428.00
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SOLDIERS' BURIALS.

Payments, charged to the Commonwealth,	\$100.00
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MILITARY AID.

Payments,	\$156.00	
One-half charged to the Commonwealth,	78.00	
	<hr/>	
Balance to be Appropriated by the Town,		\$78.00

SOLDIERS' RELIEF.

<i>Payments—</i>		
Cash,	\$2,045.00	
Groceries and Provisions,	416.61	
Fuel,	63.63	
Clothing,	10.75	
Medical Attendance,	1,534.49	
Nurse,	164.00	
	<hr/>	
Total to be Appropriated by the Town,		\$4,234.48

SCHOOL DEPARTMENT.

*Receipts credited to Estimated Receipts.*

Tuition of State Wards,	\$66.60	
Other Tuition,	261.00	
Sale of Books and Supplies,	87.25	
Miscellaneous,	129.00	
	<hr/>	
Total Receipts,		\$543.85



Appropriation March 27, 1915,	\$76,000.00
Appropriation March 27, for 1914	
bills,	2,254.96
Appropriation October 23, 1915,	3,500.00
Income from Murdock Fund,	18.48

Total of Appropriations,	\$81,773.44
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*Payments—*

General Expenses—

Salary of Superintendent,	\$2,207.50	
Salary of Clerk,	354.00	
Salary of Truant Officer,	150.00	
Printing, Stationery and Postage,	352.06	
Telephone,	37.62	
Travelling Expenses,	358.30	
School Census,	124.10	
Freight and Express,	180.72	
All Other,	201.32	
		<hr/>
Total General Expenses,		\$3,965.62

Teachers' Salaries—

Day,	\$51,416.58	
Evening,	488.00	
		<hr/>
Total Teachers' Salaries,		\$51,904.58

Text Books and Supplies—

Text and Reference Books,	\$2,840.14	
Paper, Blank Books, etc.,	1,448.19	
Drawing Materials,	17.83	
Manual Training Supplies,	161.62	
Domestic Science Supplies,	316.53	
All Other,	118.31	
		<hr/>
Total Text Books and Supplies,		\$4,902.62
Tuition,		98.50

Transportation—		
Teams,	\$579.20	
Carfares,	1,555.37	
	<hr/>	
Total Transportation,		\$2,134.57
Support of Truants,		\$108.30
Janitors' Service—		
Day,	\$6,081.35	
Evening,	15.50	
	<hr/>	
Total Janitors' Service,		\$6,096.85
Fuel and Light—		
Coal and Wood,	\$6,315.54	
Gas and Electricity,	480.57	
	<hr/>	
Total Fuel and Light,		\$6,796.11
Maintenance of Buildings and Grounds—		
Carpentry and Painting,	\$1,202.73	
Plumbing,	790.98	
Lumber, Brick, etc.,	146.21	
Flags and Flagstaffs,	51.65	
Janitors' Supplies,	697.62	
Telephones,	199.53	
Ashes and Rubbish Removed,	190.20	
All Other,	799.32	
	<hr/>	
Total Maintenance of B and G,		\$4,078.24
Furniture and Furnishings—		
Desks, Chairs, etc.,	\$315.57	
Clocks,	39.75	
All Other,	27.71	
	<hr/>	
Total Furniture, etc.,		\$383.03

Other Expenses—	
Diplomas and Graduation Exercises,	\$141.85
Dental Clinic,	7.13
	<hr/>
Total Other Expenses,	\$148.98
Medical Inspection,	1,150.76
	<hr/>
Total Payments,	\$81,768.16
	<hr/>
Balance to Excess and Deficiency,	\$5.28

#### HEDGE SCHOOL ADDITION.

Balance from 1914,	\$36.15
<i>Payments—</i>	
Window Boxes,	28.00
	<hr/>
Balance Remaining,	\$8.15

#### NEW SCHOOL AND FURNISHINGS.

(Morton School)

Balance from 1914,	\$382.10
<i>Payments—</i>	
Heater, tables, etc.,	160.00
	<hr/>
Balance Remaining,	\$222.10

#### ADDITION TO HIGH SCHOOL.

Balance from 1914,	\$3,111.14
<i>Payments—</i>	
Carpentering,	\$505.14
Furniture,	2,386.53
Freight,	110.73
Miscellaneous,	28.03
	<hr/>
Total Payments,	\$3,030.43
	<hr/>
Balance Remaining,	\$80.71

# INDUSTRIAL EDUCATION.

Appropriated from Reserve Account,	\$25.00
<i>Payments—</i>	
Expenses,	2.50
	<hr/>
Balance to Excess and Deficiency,	\$22.50

# PUBLIC LIBRARY.

Appropriation,	\$1,000.00	
Appropriation, Dog Tax,	1,024.64	
Income from Gates Fund,	67.70	
	<hr/>	
Total,		\$2,092.34
<i>Payments—</i>		
Treasurer of the Public Library,		\$2,092.34

# MANOMET LIBRARY.

Appropriation,	\$200.00
<i>Payments—</i>	
Treasurer of the Manomet Library,	\$200.00

# PARK DEPARTMENT.

## *Receipts credited to Estimated Receipts.*

Sale of Wood,	\$24.00	
Rent of Bathing Suits, 194.10		
	<hr/>	
Total Receipts,	\$218.10	
Appropriation,		\$2,150.00
Income from Morton Fund,		101.25
		<hr/>
Total,		\$2,251.25

*Payments—*

General Expenses—

Salaries and Wages,	\$1,184.85	
Teams,	183.82	
Shrubs,	10.80	
All Other,	218.22	

Total General Expenses,	\$1,597.69
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Bathing Beaches—

Labor,	\$255.80
Supplies,	20.13
Repairs,	377.63

Total Bathing Beaches,	\$653.56
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Total Payments,	\$2,251.25
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TRAINING GREEN.

Appropriation,	\$200.00
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*Payments—*

Salaries and Wages,	\$158.80
Teams,	9.40
All Other,	31.79

Total Payments,	\$199.99
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Balance to Excess and Deficiency,	\$ .01
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PARK DEPARTMENT.

*Power Sprayer.*

Appropriation,	\$200.00
Appropriated from Reserve Account,	50.00

Total Appropriations,	\$250.00
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*Payments—*

Sprayer,	\$250.00
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FREMONT STREET PLAYGROUND.

Balance from 1914,	\$2,500.00
<i>Payments—</i>	
Stephen's Field,	\$2,500.00

STEPHEN'S FIELD FENCES.

Appropriation,	\$300.00
No Payments.	

SEXTON.

Appropriation,	\$125.00
<i>Payments—</i>	
Salary of Sexton,	\$125.00

MEMORIAL DAY.

Appropriation,	\$225.00
<i>Payments—</i>	
Observance of Memorial Day,	\$225.00

JULY 4th CELEBRATION.

Appropriation,	\$500.00
<i>Payments—</i>	
Treasurer of the July 4th Committee,	\$500.00

MISCELLANEOUS.

Balance from 1914,	\$170.00	
Appropriation,	3,500.00	
Appropriated from Reserve Account,	1,473.02	
	<hr/>	
Total,		\$5,143.02



*Payments—*

*Legislative—*

Salary of Moderator,	\$30.00	
Printing and Advertising,	34.79	
		<hr/>
Total Legislative,		\$64.79
Printing and Certifying Notes and Bonds,		86.00
Labor on Russell Street Playground,		5.10

*Miscellaneous—*

Damages to Persons and Personal		
Property,	\$669.65	
Town Clock,	3,146.00	
Printing Town Reports,	836.58	
Ringling Bells,	8.00	
Indian Lands,	300.00	
		<hr/>

Total Miscellaneous, \$4,960.23

*Herring Fisheries—*

Agawam and Halfway Pond	
Committee,	\$15.65
Expenses selling rights at Town	
Brook, Eel River and Fresh Brook,	11.25
	<hr/>

Total Herring Fisheries, \$26.90

Total Payments, \$5,143.02

RESERVE ACCOUNT.

Appropriation March 27, 1915,	\$5,500.00	
Appropriation October 23, 1915,	1,500.00	
		<hr/>
Total Appropriations,		\$7,000.00
Transfers—		
New Vault,	\$97.23	
Law Department,	313.56	
Rifle Range,	5.80	

Sealing Weights and Measures,	54.21	
Moth Suppression,	3.78	
Tree Warden,	11.40	
Health Department,	679.50	
Sewer Maintenance,	299.64	
Clearing Eel River,	64.58	
Roads and Bridges,	3,291.94	
Street Line Survey,	400.00	
Harbor Master,	1.60	
Industrial Education,	25.00	
Park Department, Power Sprayer,	50.00	
Miscellaneous,	1,473.02	
Cedarville, Manomet, Chiltonville and South Pond Cemeteries,	3.29	
Town Debt and Interest,	224.27	
		<hr/>
Total Transfers,		\$6,998.82
		<hr/>
Balance to Excess and Deficiency,		\$1.18

#### WATER DEPARTMENT.

Appropriation,	\$16,000.00	
Appropriation for 1914 Bills,	262.11	
Transfers from Other Departments,	172.70	
		<hr/>
Total,		\$16,434.81
<i>Payments—</i>		
Administration—		
Superintendent,	\$1,500.00	
Assistant Superintendent,	499.96	
Registrar,	750.00	
Clerk,	462.00	
Printing, Stationery and Postage,	243.10	

Telephones,	84.97	
Vault and Fittings,	549.43	
All Other,	214.36	
	<hr/>	
Total Administration,		\$4,303.82
General—		
Labor,	\$3,891.29	
Teams,	11.70	
Pipe and Fittings,	721.42	
Meters and Fittings,	1,699.24	
Freight and Express,	49.59	
Equipment and Repairs,	634.27	
Hay and Grain,	198.78	
All Other,	514.45	
	<hr/>	
Total General,		\$7,720.74
Pumping Station—		
Engineers,	\$2,058.33	
Boiler and Pumps,	19.96	
Oil, Waste and Packing,	140.84	
Coal,	1,339.44	
Buildings,	97.46	
All Other,	44.40	
	<hr/>	
Total Pumping Station,		\$3,700.43
Service Connections—		
Labor,	\$389.15	
Pipe and Fittings,	319.12	
All Other,	1.00	
	<hr/>	
Total Service Connections,		\$709.27
	<hr/>	
Total Payments,		\$16,434.26
		<hr/>
Balance to Excess and Deficiency,		\$ .55

# WATER DEPARTMENT—CONSTRUCTION.

Balance from 1914,

\$4.31

No Payments.

## OAK GROVE AND VINE HILLS CEMETERIES.

### *Receipts credited to Estimated Receipts.*

Sale of Lots and Graves, \$511.85

Care of Lots and Graves, 728.70

Miscell. Labor, etc., 1,449.76

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Total Receipts, \$2,690.31

Appropriation, \$5,000.00

Income from Trust Funds, 595.14

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Total, \$5,595.14

### *Payments—*

#### Salaries and Wages—

Superintendent, \$664.75

Labor, 3,605.79

Clerical Work, 55.68

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Total Salaries and Wages, \$4,326.22

#### Other Expenses—

Teams, \$347.63

Loam, 186.61

Trees, Shrubs, etc., 97.30

Tools, 114.18

Telephone, 21.38

Stationery, Printing and Postage, 65.86

Lumber, 17.88

Cement, 102.39

Repairs, 89.10

Markers and Vases,	37.00	
Survey and Stone Bounds,	23.14	
All Other,	164.03	
	<hr/>	
Total Other Expenses,	\$1,266.50	
	<hr/>	
Total Payments,		\$5,592.72
		<hr/>
Balance to Excess and Deficiency,		\$2.42

# OAK GROVE AND VINE HILLS CEMETERIES.

## *Water Pipe.*

Balance from 1914,	\$2.49	
Appropriation,	300.00	
	<hr/>	
Total,		\$302.49
<i>Payments—</i>		
Contract for pipe, labor, etc.,	\$240.88	
Labor,	55.20	
	<hr/>	
Total Payments,		\$296.08
		<hr/>
Balance Remaining,		\$6.41

# OAK GROVE AND VINE HILLS CEMETERIES.

## *Avenues.*

Balance from 1914,	\$2.76	
<i>Payments—</i>		
Labor,		\$2.76

# BURIAL HILL.

*Receipts credited to Estimated Receipts.*

Care of Lots and Graves, \$27.00		
Miscellaneous Labor, etc., 10.48		
Total Receipts,	\$37.48	
Appropriation,		\$1,000.00
Income from Trust Funds,		95.75
Total,		\$1,095.75
<i>Payments—</i>		
Salaries and Wages—		
Superintendent,	\$116.75	
Labor,	631.15	
Police Duty,	57.60	
Total Salaries and Wages,		\$805.50
Other Expenses—		
Teams,	\$25.43	
Loam,	6.85	
Trees, Shrubs, etc.,	27.30	
Tools,	6.55	
Coppering Stones,	164.90	
All Other,	56.30	
Total Other Expenses,		\$287.33
Total Payments,		\$1,092.83
Balance to Excess and Deficiency,		\$2.92

# BURIAL HILL HEARSE HOUSE.

Appropriation,	\$860.00
<i>Payments—</i>	
Contract for Hearse House,	860.00



CHILTONVILLE, MANOMET, CEDARVILLE AND  
SOUTH POND CEMETERIES.

*Receipts credited to Estimated Receipts.*

Sale of Lots and Graves,	\$52.92	
Appropriation,		\$150.00
Appropriated from Reserve Account,		3.29
Income from Trust Funds,		19.00
		<hr/>
Total,		\$172.29
<i>Payments—</i>		
Labor,	\$120.03	
Teams,	6.76	
All Other,	45.50	
	<hr/>	
Total Payments,		\$172.29

SOUTH POND CEMETERY.

*Fence.*

Appropriation,	\$350.00
<i>Payments—</i>	
Labor and materials,	\$350.00

MONUMENTS TO PERSONS WHO SERVED IN THE  
REVOLUTION.

Balance from 1914,	\$62.15
No Payments.	

TOWN DEBT AND INTEREST.

*Receipts credited to Estimated Receipts.*

Interest on Taxes,	\$3,200.88
Interest on Deposits,	23.33
	<hr/>
Total Receipts,	\$3,224.21

Appropriation,	\$46,633.62	
Appropriation from Sale of Armory,	1,366.38	
Appropriated from Reserve Account,	224.27	
	<hr/>	
Total Appropriation,		\$48,224.27
<i>Payments—</i>		
Interest—		
Temporary Tax Loans,	\$3,071.38	
Sewer Loans,	693.75	
School Loans,	2,722.50	
Other General Loans,	1,213.50	
Water Loans,	3,302.00	
	<hr/>	
Total Interest,	\$11,003.13	
Town Debt—		
Sewer Loans,	\$2,000.00	
School Loans,	11,300.00	
Other General Loans,	12,050.00	
Water Loans,	11,866.66	
	<hr/>	
Total Town Debt,	\$37,216.66	
	<hr/>	
Total Payments,		48,219.79
		<hr/>
Balance to Excess and Deficiency,		\$4.48

## SCHEDULE C.

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### ESTIMATED RECEIPTS, 1915.

Credits, Amounts Actually received—

Corporation Tax,	\$27,686.33
National Bank Tax,	1,701.81
Moth Assessment,	129.12
Street Railway Excise Tax,	599.43
Sealing Weights and Measures,	32.50
Health Department,	1.20
Sewer Department,	1,114.27
Highway Department,	195.74
Poor Department,	3,238.97
Cemetery Department,	2,780.71
Town Debt and Interest,	3,224.21
Water Department,	37,969.07

Miscellaneous—

Peddlers' Licenses,	\$162.00
Junk Licenses,	125.00
Pool and Billiard Licenses,	55.00
Other Licenses,	45.50
Court Fines,	285.28
General Government,	8.00
Police Department,	3.01
Forest Warden's Department,	198.04
School Department,	543.85
Park Department,	218.10
Herring Streams,	659.50
Income from Bank Stock,	200.00

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Total Miscellaneous,	\$2,503.28
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Total Actual Receipts,	\$81,176.64
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Charges, Estimated in making up Tax Warrant—

Corporation Tax,	\$27,604.69	
National Bank Tax,	1,933.80	
Moth Assessment,	1,188.73	
Street Railway Excise Tax,	628.47	
Sealing Weights and Measures,	60.47	
Health Department,	43.39	
Sewer Department,	1,000.00	
Highway Department,	205.48	
Poor Department,	1,800.00	
Cemetery Department,	2,196.87	
Town Debt and Interest,	2,800.00	
Miscellaneous,	2,219.71	
Water Department,	38,232.76	
	<hr/>	
Total Estimated Receipts,		\$79,914.37
		<hr/>
Excess of Actual Receipts,		\$1,262.27

(See Revenue Account)

## SCHEDULE D.

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### REVENUE ACCOUNT, 1915.

#### Charges—

Total Appropriations,		\$294,354.63
Less Estimated Receipts,	\$79,914.37	
Less Appropriation from Reserve		
Account,	2,500.00	
Total Deductions,		<u>\$82,414.37</u>

Net Amount to be Assessed,	\$211,940.26
Additional Bank Tax to State,	95.10
Excess Revenue (See Excess and Deficiency, 1915)	1,167.17
	<u>\$213,202.53</u>

#### Credits—

Assessors' Warrant,	\$211,940.26
Excess of Estimated Receipts,	1,262.27
	<u>\$213,202.53</u>

## SCHEDULE E.

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### EXCESS AND DEFICIENCY, 1915.

Charges—		
None		
Credits—		
Excess Revenue, 1915,		\$1,167.17
Departmental Balances—		
Selectmen's Department,	\$89.46	
Accounting Department,	185.44	
Treasury Department,	8.44	
Tax Collector's Department,	58.57	
Assessors' Department,	105.03	
Town Clerk's Department,	74.60	
Election and Registration,	62.56	
Maintenance of Town House,	9.12	
Police Department,	15.53	
Fire Department,	110.94	
Tree Warden's Department,	.13	
Forest Warden's Department,	517.48	
Inland Fisheries,	221.00	
Health Department,	42.80	
Public Sanitariums,	.97	
Roads and Bridges,	119.90	
Sidewalks,	53.05	
Snow and Ice Removal,	381.75	
Street Sprinkling,	2,064.67	
Street Lighting,	1,383.69	
Poor Department,	3.85	



Mothers' Aid,	101.00	
School Department,	5.28	
Industrial Education,	22.50	
Training Green,	.01	
Reserve Account,	1.18	
Water Department,	.55	
Oak Grove and Vine Hills Cemeteries,	2.42	
Burial Hill,	2.92	
Town Debt and Interest,	4.48	
		<hr/>
Total Departmental,		\$5,649.32
		<hr/>
Total Excess, (See Balance Sheet)		\$6,816.49





### *Non-Revenue Accounts.*

Cash,		
Non-Revenue Cash used for Revenue Purposes,	\$1,964.55	
Funded Debt Balancing Account,	6,937.48	
Trust and Investment Funds,	177,999.88	
	40,668.14	
	<hr/>	
	\$227,570.05	
Departmental Balances—		
Fire Department, Motor Apparatus,	\$86.54	
Forest Warden, Auto Truck,	30.38	
Health Department, Land for Dump,	200.00	
Highway Construction,	5,789.36	
Samoset Street,	120.31	
Bartlett Road,	300.00	
Beaver Dam Road,	420.94	
Main Street Extension Alterations,	434.17	
Drinking Fountain,	820.13	
Shore Property,	100.00	
Anchorage Basin,	4.93	
Hedge School Addition,	8.15	
New School and Furnishings,	222.10	
High School Addition,	80.71	
Stephens Field Fences,	300.00	
Water Department, Construction,	4.31	
	<hr/>	\$8,902.03
Engine House Loan,	\$10,000.00	
Sewer Loan,	15,000.00	
Warren Avenue Sewer Loan,	2,000.00	
Main Street Extension Loan,	9,000.00	
Beaver Dam Road Loan,	500.00	
School Loan,	63,700.00	
Water Loan,	77,799.88	
	<hr/>	\$177,999.88
Morton Park Fund,	\$2,000.00	
Murdock Poor and School Fund,	730.00	

Frances LeBaron Poor Fund,	1,350.00
Charles Holmes Poor Fund,	500.00
Marcia E. Jackson, Gates Li- brary Fund,	2,000.00
Warren Burial Hill Cemetery Fund,	1,183.55
Cemetery Perpetual Care Funds,	27,904.59
Old Colony National Bank Stock Invst.,	5,000.00
	<hr/>
	\$40,668.14
	<hr/>
	\$227,570.05

## SCHEDULE G.

Summary of Funded Indebtedness January 1, 1916, and Amounts due  
for Principal and Interest in 1916.

LOANS.	Outstanding Jan. 1, 1915	Added during 1915	Paid during 1915	Outstanding Jan. 1, 1916	Principal due in 1916	Interest due in 1916
Fire Engine Loan,	\$1,050.00		\$1,050.00			
Engine House Loan,	13,000.00		3,000.00	\$10,000.00	\$3,000.00	\$400.00
Armory Loan,	1,500.00		1,500.00			
Sewer Loans,	19,000.00		2,000.00	17,000.00	2,000.00	618.75
Main Street Extension Loan,	13,500.00		4,500.00	9,000.00	4,500.00	405.00
Beaver Dam Road Loan,		\$500.00		500.00	500.00	21.25
Harbor Improvement Loan,	2,000.00		2,000.00			
School Loans,	75,000.00		11,300.00	63,700.00	8,800.00	2,341.25
Water Loans,	89,666.54		11,866.66	77,799.88	10,866.66	2,864.50
	<u>\$214,716.54</u>	<u>\$500.00</u>	<u>\$37,216.66</u>	<u>\$177,999.88</u>	<u>\$29,666.66</u>	<u>\$6,650.75</u>



## SCHEDULE H.

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### ITEMIZED STATEMENT OF THE FUNDED INDEBTEDNESS

JANUARY 1, 1916.

#### *Engine House Loans.*

Four per cent. bonds, dated Sept. 1, 1905, payable \$1,000 annually,	\$8,000.00	
Four per cent. bonds, dated Dec. 1, 1910, payable \$2,000 annually,	2,000.00	
	<hr/>	
Total Engine House Loan,		\$10,000.00

#### *Sewer Loans.*

Three and three-fourths per cent. notes, dated July 1, 1903, payable \$1,000 annually,	\$15,000.00	
Three and three-fourths per cent. bonds, dated Nov. 1, 1911, payable \$1,000 annually,	2,000.00	
	<hr/>	
Total Sewer Loan,		\$17,000.00

#### *Highway Loans.*

Four and one-half per cent. bonds dated August 15, 1907, payable \$4,500 annually,	\$9,000.00	
Four and one-half per cent. note, dated Nov. 24, 1915, payable \$500 annually,	500.00	
	<hr/>	
Total Highway Loans,		\$9,500.00

#### *School Loans.*

Four per cent. notes, dated July 1, 1904, payable \$1,400 annually,	\$12,600.00	
Three and one-half per cent. bonds, dated June 1, 1909, payable \$2,000 annually,	8,000.00	

Three and one-half per cent. bonds, dated June 1, 1909, payable \$900 annually,	3,600.00	
Four per cent. bonds, dated Oct. 1, 1913, payable \$1,000 annually,	8,000.00	
Four per cent. bonds, dated June 1, 1914, Payable \$3,500 annually,	31,500.00	
	<hr/>	
Total School Loan,		\$63,700.00

*Water Loans.*

Four per cent. bonds, dated August 1, 1890, payable \$1,300 annually,	\$2,600.00	
Four per cent. notes, dated August 1, 1894, payable \$800 annually,	3,200.00	
Four per cent. notes, dated Oct. 2, 1899, payable \$1,500 annually,	6,000.00	
Three and one-half per cent. notes, dated May 1, 1901, payable \$1,000 annually,	6,000.00	
Three and three-fourths per cent. notes, dated July 1, 1903, payable \$666.66 annually,	11,999.88	
Three and one-half per cent. bonds, dated Nov. 15, 1905, payable \$600 annually,	6,000.00	
Four per cent. bonds dated July 1, 1907, payable \$1,000 annually,	17,000.00	
Four per cent. bonds, dated Feb. 15, 1908, payable \$1,000 annually,	17,000.00	
Three and one-half per cent. bonds, dated June 1, 1909, payable \$1,000 annually,	6,000.00	
Four per cent. bonds, dated July 1, 1910, payable \$2,000 annually,	2,000.00	
	<hr/>	
Total Water Loan,		\$77,799.88
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Total Funded Debt,		\$177,999.88

## SCHEDULE I.

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TRUST FUNDS, DECEMBER 31, 1915.

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### CEMETERY PERPETUAL CARE FUNDS.

*Deposited in the Plymouth Five Cents Savings Bank—*

Russell Tomlinson,	\$222 29
Betsey C. Bagnell,	234 29
Rebecca D. Ryder,	640 90
Lydia W. Chandler,	264 87
Curtis Howard,	617 44
Sarah F. Bagnell,	138 56
A. A. Whiting,	409 60
James Reed,	465 88
William H. Nelson,	625 00
Charles Holmes,	204 41
Louisa S. Jackson,	209 65
Judith S. Jackson,	476 60
John Donley,	103 26
David Drew,	101 63
Mary J. Brown,	50 32
Mary V. Lewis,	260 32
Priscilla L. Hedge,	220 04
Frederick Webber,	87 97
Nancie C. Wood,	1,119 66
Fannie Goodwin Bates,	405 46
Joshua Atwood,	108 22
Ichabod Shaw,	366 77
Edwin Morey,	612 29

Waldron and Dunham,	236 03
Timothy T. Eaton,	158 86
Heman Cobb,	221 08
Thomas Sampson,	218 17
Ephraim B. Holmes,	588 31
Lydia E. Jackson,	224 49
Jacob Jackson,	114 88
Charlotte R. Bearce,	220 77
Washburn Portion Lot No. 42,	167 48
Helena B. Rich,	112 89
Winslow B. Rickard,	109 16
John Eddy,	105 64
Helen Covington,	210 71
Freeman E. Wells,	165 81
Eliza J. Burt,	162 78
David L. Harlow,	104 82
Benjamin Swift,	101 23
Ellis Benson,	104 48
James Deacon,	114 28
Ellis and Freeman,	105 01
Ansel F. Fish,	105 25
Taylor and Foss,	105 70
Mary A. Minter,	130 71
Adelaide Reed,	104 80
Elizabeth M. Ward,	218 69
Edward W. Bradford,	162 96
Harvey Lot No. 1365,	106 62
Ephraim Churchill,	24 93
Franklin B. Holmes,	108 27
Linus B. Thomas,	57 42
Ephraim S. Morton,	107 15
Merriam Lot,	217 20
B. O. Strong,	76 65
John C. Cave,	102 79
Winslow B. Standish,	101 79

Calvin S. Damon,	170 54
Finney and Churchill,	109 64
Edward B. Hayden,	128 69
H. N. P. Hubbard,	101 87
Anderson Lots,	156 46
Sylvanus Churchill,	55 30
Nancy L. Pratt,	56 30
Burgess P. Terry,	133 09
William and P. H. Williams,	105 38
Increase Robinson,	100 00
August H. Lucas,	156 40
Edward Morton,	100 00
Benjamin Pierce,	51 12
Alfred F. Arnold,	100 16
Nathaniel H. Morton,	102 24
Charles H. Holmes,	103 59
Daniel Hintchcliffe,	101 32
Samuel Nelson,	105 28
• Nathaniel Russell,	218 76
Sumner Leonard,	105 24
Frederick Dittmar,	105 24
Emeline Landey,	105 24
John F. Hoyt,	129 16
Pope, Hatch, Atwood, Eldridge,	153 19
Nehemiah Savery,	104 18
Thomas A. Folsgrove,	154 26
John C. Ross,	202 39
Archibald McLean,	51 06
George L. Lyon,	157 18
Phineas Pierce Lot and Paty Tomb,	210 24
Charles E. Barnes,	103 12
Burgess Lot,	157 60
Ezra Harlow,	154 60
Mercy J. Howland,	100 08
Isaac M. Jackson,	1,015 50

Mary McDonald,	102 00
Mary J. Corey,	102 00
Ellis-Ryder,	101 00
Brewster-Bartlett,	303 00
Barnabas Hedge,	151 50
George M. Collins,	126 25
Alexander McLean,	101 00
Charles E. Dow,	101 00
Shaw and Thomas,	202 00
Atwood and Pratt,	202 00
Prentiss Lot,	200 00
Alanson Thomas,	150 00
Albert Whiting,	100 00

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Total Plymouth Five Cents Savings Bank,	\$20,329 41
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*Deposited in the Plymouth Savings Bank*

Morton D. Andrews,	\$547 33
William H. Nelson,	625 00
Thomas B. Bartlett,	278 44
Rebecca F. Sampson,	192 12
Katherine E. Sever,	326 43
Mary F. Wood,	119 10
Cordelia Savery,	115 25
William Ross,	272 45
Putnam Kimball,	349 87
John Gooding,	411 41
Schyler Sampson,	235 64
R. B. Hall,	108 83
Fanny Sylvester,	120 98
E. A. Spooner,	117 65
George Hayward,	349 05
George S. Tolman,	116 39
Elizabeth S. Tinkham,	107 15
Danforth and Thurber,	218 72



William Bartlett,	336 27
Daniel H. Paulding,	232 51
John Morissey,	219 48
Oliver T. Wood,	108 77
Sarah V. Kendrick,	54 36
Sarah A. Waldron,	163 84
Phoebe P. Ellis,	27 72
George E. and Carrie M. Benson,	152 49
Emma F. Avery,	217 74
Isaac M. Jackson,	1,042 00
Abbie B. Avery and Samuel Bartlett,	200 12
Dora Perritt,	104 30
Mary E. Moning,	103 77

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Total Plymouth Savings Bank,	\$7,575 18
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#### NATHANIEL MORTON PARK FUND.

Deposited in the Plymouth Savings Bank,	\$2,000 00
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#### MURDOCK POOR AND SCHOOL FUND.

Deposited in the Plymouth Savings Bank,	\$730 00
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#### FRANCES LEBARON POOR FUND.

Deposited in the Plymouth Savings Bank,	\$675 00
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Deposited in the Plymouth Five Cents Savings Bank,	675 00
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Total,	\$1,350 00
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CHARLES HOLMES FUND.

Deposited in the Plymouth Five Cents Savings Bank,   \$500 00

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WARREN BURIAL HILL CEMETERY FUND.

Deposited in the Plymouth Savings		
Bank,	\$1,000 00	
Deposited in the Plymouth Five Cents		
Savings Bank,	183 55	
	<hr/>	
Total,		\$1,183 55

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MARCIA E. JACKSON GATES LIBRARY FUND.

Deposited in the Plymouth Savings		
Bank,	\$1,000 00	
Deposited in the Plymouth Five Cents		
Savings Bank,	1,000 00	
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Total,		\$2,000 00

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STOCK INVESTMENT FUND.

Invested in Old Colony National Bank Stock,       \$5,000 00

# ANNUAL REPORT

OF THE

## TOWN CLERK

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Births, Deaths and Marriages

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FOR THE YEAR

1915

# BIRTHS REGISTERED IN PLYMOUTH IN 1915.

Date.	Name.	Name of Parents.	Father's Birthplace.	Mother's Birthplace.
Jan.	1. Carlina Campanale	Michele and Dolorato Trissi	Italy	Italy
	2. Richmond Whiting Talbot	Harry R. and Grace L. Whiting	Plymouth	Plymouth
	3. Stanley David Resnick	George and Pauline Gershaw	Plymouth	Russia
	4. Howard Linwood Sherman	Charles F. and Gladys M. Chase	Plymouth	No. Harwich
	5. Matthew Thomas Herries	Matthew and Mary Edwidge	Scotland	Redford, N. Y.
	6. William Edward Oldham	Eugene A. and Nellie F. Raymond	Worceham	Plymouth
	7. George Andrew Smith	Patrick and Mary Sorahan	Ireland	Ireland
	8. Louis Stein	Isaac and Sadie Bell	Russia	Russia
	9. Rosa Mary Deslauriers	Joseph E. and Viola M. Howard	Three Rivers	Detroit, Mich.
	10. Ruth Loring Sampson	Arthur L. and Nellie L. Robbins	Plymouth	Plymouth
	11. Bertha Marie Peck	John and Annie Wagner	Germany	Germany
	12. Cora Amanda Vickery	Edwin I. and Amanda Charrette	Halifax	Providence, R. I.
	13. Harold Joseph Ferrioli	Alchester and Mary Prani	Italy	Italy
	14. Agnes Margaret Denely	James and Julia A. Lyons	Providence, R. I.	Quincy
	15. Gertrude Helen Glynn	John J. and Mary Ambrose	Plymouth	Ireland
	16. Lucia Lenzi	Antonio and Eliza Bencolini	Italy	Italy
	17. Illegitimate			
	18. Paolo Lenzi	Joseph and Grandiglier Barbieri	Italy	Italy
	19. Marjorie Jackson Cassidy	Charles H. and Jessie M. Shurtlett	Plymouth	Brockton
	20. Frederick Warren Walton	Henry and Eva J. White	England	Bath, Me.
	21. Joseph Wallace Towns	Benjamin W. and Margaret F. Hosmer	Plymouth	Germany
	22. Florence Defelice	Michele and Rosie Montanari	Italy	Italy
	23. Gerda Elizabeth Peterson	Peter J. and Annie A. Foley	Norway	Roxbury
	24. Nancy Mellor	Albert L. and Marion A. Mason	Rockville,	Cambridge
	25. Dorothy Edith Handy	William E. and Sarah C. MacDonald	Roxbury	Nova Scotia
	26. Carmine Rossetti	Domenico and Alessandra Minotillo	Italy	Italy
	27. Arturo Guidetti	Antonio and Clementa Candini	Italy	Italy
Feb.	1. Illegitimate			
	2. Mary Starr Cabral	Joseph and Almorinda Sousa	Azores	Azores
	3. Beatrice Andrada	John and Guilherme Rodrigues	Western Is.	Western Is.
	4. Mary Rossi Laurenti	Augustino and Vittoria Po	Italy	Italy
	5. Stillborn			
	6. Barbara Rose Profetty	Louis L. and Eva C. Banker	New York	Plymouth
	7. Ida Mary Scariarina	Anthony and Carolina Benati	Italy	Italy
	8. Chester Freeman Rogers	Chester A. and Annie McDonald	Sandwich	Cape Breton
	9. Barbara Louise Stetson	Joseph W. and Amy E. Cornish	Maine	Plymouth

Feb.	9.	Helen Marjorie LaVoie	Frank and Katherine E. Drukenbrod	Maine	Providence, R. I.	Germany
	10.	Mary Ames	Charles E. and Elizabeth Bailey	Western Is.	Western Is.	Plymouth
	11.	Antonio Veira	Antonio and Maria Gonsales	Hanson	Hanson	Western Is.
	12.	Amette Josephine Chapman	Sumner A. and Bertha M. Briggs	Hingham	Hingham	Indiana
	13.	Lewis Edward Thompson	Bernard J. and Garnet I. Robinson	Plymouth	Plymouth	Plymouth
	13.	William Henry Hennessey, Jr.	William H. and Olive E. Babcock	Italy	Italy	Italy
	13.	Aura Clementina Fortini	Dante and Gertrude Pezzini	Gloucester	Gloucester	Scotland
	34.	Agnes Mary Boudroit	Fred F. and Ada A. Swyers	Cohasset	Cohasset	Plymouth
	15.	Charlotte Mae Burgess	Augustus S. and Lottie S. Sampson	Western Is.	Western Is.	Plymouth
	15.	Louis Veira	Luiz and Evangelina Amorini	Germany	Germany	Germany
	18.	Cecilia Agnes Freyermuth	Nicholas and Mary Drukenbrod	Plymouth	Plymouth	Plymouth
	21.	Joseph Andros	George N. and Lena M. Carpenter	Western Is.	Western Is.	Western Is.
	22.	Howard Paty Sampson	Mannel and Emilia Bottelho	Finland	Finland	Finland
	22.	Jane Bittinger	Pritz J. and Emilee A. Whiting	Italy	Italy	Italy
	23.	Vekho Edwin Lotja	Solomon and Hannah D. Makinen	Italy	Italy	Italy
	24.	Augusta Mary Cappella	Felice P. and Arcangle Leonetta	Italy	Italy	Italy
	24.	Vincent Tassinari	Frederico and Edofozia Lamberghini	Italy	Italy	Italy
	24.	Louisa Tassinari	Frederico and Edofozia Lamberghini	Italy	Italy	Italy
	26.	Frederick Russell Gerety	George J. and Annie E. Mahler	West Haven, Conn.	West Haven, Conn.	Plymouth
	27.	Esther Doris Robbins	Henry P. and Lilly F. Bonney	Lakeville	Lakeville	Plymouth
	28.	Hannah Stephani	Gaetano and Marina Tassinari	Italy	Italy	Italy
Mar.						
	1.	Agnes Anthony	Manuel and Frances Pimental	Western Is.	Western Is.	Western Is.
	1.	Anita Drefler	Benjamin and Rose D. Greenspoon	Russia	Russia	Russia
	2.	Alfred Adolph Joseph Schreiber	Leonold J. and Mary Smith	Ireland	Ireland	Ireland
	3.	Carlo Giberti	Chester and Beatrice Pirani	Italy	Italy	Italy
	5.	Clara Fortes	Frank and Carlotta Duarte	Western Is.	Western Is.	Western Is.
	6.	Iris Elsie Albertini	Dante and Alice Guidoboni	Italy	Italy	Italy
	7.	Peter Viliziano	Vincenzo and Camilla Mozilli	Italy	Italy	Italy
	10.	Valesto Benzi	Attilio and Mary Ardizzone	Italy	Italy	Italy
	10.	Joseph Stefani	Augusto and Maria Garani	Italy	Italy	Italy
	13.	Victoria Sarah Brewer	Jesse and Marie Corvelli	Scotland	Scotland	Scotland
	13.	Edith Tavors	Warren and Helen W. Caswell	Penn.	Penn.	Penn.
	13.	Edith Tavors	Ernest and Adele Soffrit	Italy	Italy	Italy
	16.	Nickolas Kourtz	Harry A. and Mildred G. Hayden	Plymouth	Plymouth	Plymouth
	18.	Emily Madeline Doyle	Jessie and Maria Medros	Western Is.	Western Is.	Western Is.
	18.	Carl Mathias Webber	Nickolas J. and Annie Buchanan	Germany	Germany	Germany
	19.	Guseppi Campanile	Charles and Annie Fohrder	New York	New York	New York
	20.	Dorothy Post	Antonio and Louisa Guglielmi	Plymouth	Plymouth	Plymouth
	21.	Otis Norman Robbins	Rennie I. and Jennie Lecomb	Italy	Italy	Italy
	21.	Florence May Pimental	Alton O. and Caroline W. Goddard	Nova Scotia	Nova Scotia	Nova Scotia
	23.		Frank A. and Catherine F. Thomas	Plymouth	Plymouth	Plymouth

# *BIRTHS—Continued.*

Date.	Name.	Name of Parents.	Father's Birthplace.	Mother's Birthplace.
Mar.	24. Virginia Burnadette Shaw	David H. and Mary A. Clough	Scotland	Plymouth
	27. Clara Zaccchilli	Luca and Franca Fraccalossi	Italy	Italy
	28. Warren R. Girard	Jesse and Flora Jacquot	Canada	Conn.
	29. Merrill Wescott Wood	Leonard S. and Maude E. Cook	P. E. Island	So. Boston
Apr.	2. Peter Joseph Ferioli	Rafael and Lena Balboni	Italy	Italy
	5. Lucille DeBlois Cate	Norman G. and Bernice E. Paine	Plymouth	Wakefield
	7. Richard Bartlett Dodge	Milo C. and Marjorie A. Holmes	Beverly	Kingston
	7. Curtis Clayton Pierce	Adelbert and Maud E. Nightingale	Nova Scotia	Plymouth
	7. Stillborn			
	19. Robert Charles Williamson	Charles and Ida Deveau	Woodstock, Vt.	Nova Scotia
	20. Ada Chapman Broughton	Arthur C. and Fannie F. Foster	England	Philadelphia, Pa.
	21. James Howard Finney	John E. and Susan Dyke	Plymouth	Newfoundland
	23. Andrew Paul Basler	Paul and Elizabeth Seaver	France	Germany
	23. Adele Cohen	Julius and Mary Goldberg	Russia	Russia
	25. Ferdinand Fiocchi	Arturo and Maria Paltrinieri	Italy	Italy
	25. .... Pintre	Joaquim and Marie Assesions	Portugal	Portugal
	26. Stillborn			
	26. Giuseppe Baretti	August and Margaret Vergnani	Italy	Italy
	26. Vincenzo Baretti	August and Margaret Vergnani	Italy	Italy
	26. Gioseppina Nicoli	John and Macilda Stephani	Italy	Italy
	30. Luigia Pretti	Orlando and Erita Bratti	Italy	Italy
	30. Adowa Bergamini	Angelo and Arda Malaguti	Italy	Italy
	30. Florence Rose Basler	Peter J. and Katherine Kaiser	Chelsea	Germany
	30. Jean Clair Anderson	William and Ruth S. Ellis	Woods Hole	Somerville
May	1. Harriett Eldridge	Richard T. and Ethel A. Miller	Plymouth	Danielson, Conn.
	2. Burton Crosby Hallowell	William G. and Sarah F. Crosby	Pascoag, R. I.	Orleans
	2. Ruth Lillian Paul	Arthur and Edith L. Staples	Fall River	Buzzards Bay
	3. Leonard Sampson	Isaac A. and Mary E. Keefe	Nova Scotia	Newfoundland
	3. Addison W. Simmons	Harry L. and Bertha E. Bradford	Kingston	Plymouth
	3. John Enos	Frank and Mary Sousa	Western Is.	Western Is.
	3. Alice Winslow Savary	Wolcott S. and Helen S. Dunn	No. Carver	Plymouth
	3. William Robinson Sherman	Frank L. and Marion L. Leonard	Middleboro	Plymouth
	4. Wager Butwinsky	Vincent and Madelena Skabensky	Russia	Russia
	4. Stillborn			
	4. Bernard Raymond Parker	Raymond L. and Edith M. Kelley	R. I.	Troy, N. Y.
	4. Margaret Reed	John M. and Mary E. Robare	Vermont	No. Adams



May	4. Marion Harrison Milburn	Harrison and Rosa E. Brooks	Plymouth Conn.	Richmond, Va.
	6. Walter Eugene Johnson	Walter and Edna Willis	Germany	New York
	7. Edward Ludwig Brenner	Henry and Catherine Herrct	Philadelphia, Pa.	Germany
	8. Richard Warren Broadbent	Wilfrid O. and Alice S. Cole	Germany	So. Wellfleet
	10. Ruth May Riegel	Phillip and Elise Bergdoll	Germany	Germany
	11. Mariano Rapocadi	Joseph and Mary Meda	Azores	Italy
	11. Thomas Roncaradi	Luigi and Almasina Gambetti	Italy	Norway
	14. John Norman Larsen	John A. and Signe Johnson	Norway	Nova Scotia
	15. Astin Edgar Nickerson	Lawson E. and Daisy F. Leman	Nova Scotia	Plymouth
	15. Helen Frances Deever	William H. and Lillian F. Burke	England	Italy
	15. Joseph Querze	Pietro and Attila Christofori	Italy	Italy
	16. Alice Celia Lemoine	Paul and Marie L. Boucher	Visherville	Richmond, R. I.
	16. John Thomas	Jesse and Maria Correia	Western Is.	Western Is.
	19. Howard Carpenter Watson	John M. and Catly L. Carpenter	Plymouth	Kansas
	23. Horace Edward Holmes	Henry L. and Lillian E. Dickerman	Plymouth	Plymouth
	23. Edith Margaret Halberg	Andrew E. and Bada C. Bengston	Sweden	Sweden
	24. .... MacDonald	John A. and Elizabeth	Plymouth	Connecticut
	24. Robert Mendall Briggs	Elmer F. and Beatrice M. Miner	Vermont	Vermont
	24. Helen Rogers	William and Joyce P. Leman	Cambridge	Canton
	26. Helena Wood	William and Joyce P. Leman	Cambridge	Canton
	26. Marjorie Wood	Leon W. and Sarah E. Knight	Plymouth	Plymouth
	26. Teresa Jennie Ariene Henderson	Leon W. and Sarah E. Knight	Plymouth	Plymouth
	27. Elmer Alpha Tracy	Alexander and Betsey W. Annis	Scotland	New Hampshire
	27. Harvey Thomas Holman	Oscar H. and Johanna W. MacAnley	New Hampshire	Nova Scotia
	28. Arline Konfeld Hall	Edward F. and Cozette Soule	Vermont	Duxbury
	30. .... St. Onge	Fred Y. and Eva M. Pratt	New Hampshire	Plymouth
	31. Marjorie Sullivan	Alex and Rosie Jeru	Denham	Canada
		Neil K. and Edna Keene	Plymouth	Pembroke
June	2. Sarah Rose Aronovitch	David and Jennie Frim	Russia	Russia
	5. Herbert Littlefield Kipley	William L. and Mary H. Buffington	W. Medway	Warren, R. I.
	6. Doris Elizabeth Fraser	Charles H. and Ellen E. Baile	Somerville	E. Boston
	11. Joseph Walter Govoni	Joseph and Edna Zaniboni	Italy	Italy
	12. Mario Tonino Volta	Fred and Delmina Fornaciari	Italy	Italy
	12. Stanford Louis Bowers	Louis H. and Lillian Korth	New York	So. Natick
	13. Gilbert Lewis Besse	Ezra L. and Mary A. Smith	Plymouth	Dedham
	13. Evelyn Johns	Ernest B. and Grace B. Atwell	Plymouth	Nova Scotia
	17. George Stanley Hanelt	George and Bertha M. Gould	Providence, R. I.	Marshfield
	18. Bruna M. T. Gambini	Alfonso and Palma Dallasta	Italy	Plymouth
	18. Herbert Augustus Surrey	LeRoy B. and Esther C. Burgess	Proctor, Vt.	Italy
	18. David Rapaport	Barnett and Annie Holover	Russia	Colasset
	19. Anna Elizabeth O'Brien	William H. and Margaret M. Carpenter	Plymouth	Russia
	20. Stanley Roger Nickerson	Alfred C. and Delia A. Nickerson	Nova Scotia	Nova Scotia



# *BIRTHS—Continued.*

Date.	Name.	Name of Parents.	Father's Birthplace.	Mother's Birthplace.
July 20.	Marjorie Clifton Dickerman	Harry C. and Lucy A. Maxim	Plymouth	Wareham
21.	Mario Bossari	Gaetano and Laura Preti	Italy	Italy
23.	Laura May Richmond	George R. and Ina B. Patterson	Plymouth	Nova Scotia
25.	Charlotte Eleanor Winkley	Charles E. and Helen Raymond	New Hampshire	New Bedford
27.	Gertrude Atherton Sampson	Harold E. and Rena G. Bartlett	Duxbury	Plymouth
	Norma Longfellow Caswell	Robert E. and Marion E. Longfellow	Duxbury	Plymouth
1.	Lawrence Mahler	Lawrence and Mary Cantillon	Plymouth	Ireland
1.	Norma Govoni	Celso and Louisa Sofriti	Italy	Italy
2.	Frances Jane Burgess	Leonard M. and Martha F. Atwood	Plymouth	Plymouth
3.	Phyllis Paulding	Ralph F. and Catherine Tibbets	Plymouth	Maine
4.	Ellen Kane	Michel and Annie M. Wood	Ireland	Plymouth
5.	Helen Volta	Manuel and Mary Longhi	Italy	Italy
8.	Mildred Anna Donahue	Harry and Alice B. Seaver	Lawrence	Plymouth
9.	Giuseppe Arcangeli	Alessandro and Mary Leuci	Italy	Italy
10.	Amunziati Arcangeli	Alessandro and Mary Leuci	Italy	Italy
11.	Leonora Ceccarelli	Amedeo and Lena DeCarli	Italy	Italy
14.	George Franklin Lamb	George F. and Lillian C. Keniston	Connecticut	New Hampshire
14.	Stillborn			
14.	Alma Rossi Govoni	Joseph and Barbara Malaguti	Italy	Italy
18.	Paul Steinberg Bagdan	Peter and Frances Dunn	Albania	Plymouth
18.	Laura Cornish King	George L. and Emily M. King	Plymouth	Plymouth
18.	Rosie Andrews	John and Mary E. Martha	Cape Verde I.	Western Is.
19.	Maria Cicchetti	Giovani and Maria Santoni	Italy	Italy
20.	Hugh Cosgrove	Hugh B. and Mary McManus	Ireland	Ireland
22.	Harold Francis Hattom	Harold J. and Frances Cushman	England	Ireland
22.	Joseph Nicholas Darsch	John M. and Mary Stever	Germany	Plymouth
22.	Arto	John and Agnese Butacchi	Italy	Italy
22.	Alma Wanda Kelley	George and Alma Peterson	Troy, N. Y.	Germany
23.	Stillborn			
23.	Joseph Ventura	August and Katherine Feliciano	Portugal	Portugal
23.	Jennie Ferri	Celso and Arnelita Cefini	Italy	Italy
24.	Gino Ferri	Celso and Arnelita Cefini	Italy	Italy
24.	Maria Vietra	Jacob S. and Mary Josephs	Portugal	Portugal
24.	Ralph Jacob Resnick	Morris B. and Celia R. Yutan	Russia	Russia
26.	Dorothy Mae Viau	Ernest A. and Ellen A. Sullivan	Fall River	Avon
26.	Edith Andrews	Jesse J. and Keturah A. Beck	England	England

July	26.	Santina Gridelli	Michele and Maria Crociatti	Italy	Italy
	28.	Bovio Gridelli	Michele and Maria Crociatti	Italy	Italy
	28.	Charles Porter Harlow	Porter T. and Etta Peterson	Plymouth	Plymouth
Aug.	4.	Giovanni Ghizzoni	Angelo and Rose Minezzi	Italy	Italy
	5.	William Louis Krinsky	Samuel J. and Etta Aronoff	Russia	Russia
	5.	Phyllis Marguerite Grace	James J. and Mary A. Collins	St. Johns, N. F.	Cambridge
	10.	Tony Andrado	Fortunato and Mary A. Collins	Cape Verde	Cape Verde Is.
	10.	Madelaine Clara Benson	Merle C. and Letty A. Gollins	Kingston	Connecticut
	15.	Helen Louise Carleton	Harold E. and Helen M. Bourne	Plymouth	Plymouth
	16.	Aroldo Ghidoni	John and Adele Bossari	Italy	Italy
	17.	Richard Harvey Raymond	George A. and Lucy E. Richardson	Randolph	Randolph
	17.	Ruth May Dobrow	Alvin H. and Mary H. Atwood	Plymouth	Plymouth
	17.	Francis Bradford Ellis	Ernest W. and Carrie C. Washburn	Rhode Island	Rhode Island
	21.	Francis C. Selmani	Francis P. and Julia A. McGovern	Bridgewater	Bridgewater
	22.	Louisa Frances Douvillez	Omar and Elizabeth Gueller	France	Providence, R. I.
	22.	Margaret Arline Knight	James T. and Ella L. Valler	Plymouth	Plymouth
	24.	Florence Annie Donovan	John and Annie Smith	Ireland	Ireland
	26.	Estlan C. M. Foot	Pastan C. M. and Henry Ter Avest	Holland	Holland
	27.	Margaret Young McLean	Percy B. and Grace W. Marden	England	Brookline
	27.	Mary Matheson McLean	Malcolm J. and Fenelope Matheson	Nova Scotia	P. E. Is.
	30.	Ida Lydia Knight	Joseph W. and Ida F. Bumpus	Nova Scotia	Wareham
Sept.	2.	Mary Bent	Joseph and Maria Gomez	Portugal	Western Is.
	3.	Emma Rosa Brenner	Gregory J. and Katharine Bergdoll	Germany	Germany
	3.	Grace Irene Larocque	Wilfrid and Philmina Godreau	Canada	Canada
	5.	Gladys Mary Roek	Arthur C. and Clara Paul	Canada	Fall River
	7.	James Alfred Rogers	Alfred J. and Ruth Dotson	New Bedford	Boston
	11.	John Woodward Taylor	Edwin and Jennie E. Woodward	England	Medford
	12.	Karleton Ferdinand Wood	Fred N. and Isabel Banker	Plymouth	Plymouth
	12.	Louise Galleran	Louis and Mary Vergnani	Italy	Italy
	14.	Sarah Maxwell Welch	William and Annie Dornion	Scotland	Scotland
	14.	Danti Rappatoni	Alfonso and Bertha Salari	Italy	Italy
	17.	Francis Costa	John and Mary Andrews	Portugal	Portugal
	18.	Elvira Lepri	Rafaele and Chiarina Gallervalli	Italy	Italy
	21.	Kenneth Franklin Tripp	L. Chester and Flora Washburn	Winchendon	Winchendon
	21.	George Shore Ball	George H. and Minnie W. Hughes	Plymouth	Plymouth
	25.	Louise Evangeline Dugas	Emile F. and Ethel L. Swift	France	France
	25.	Edward Taveira Neves	Silvano T. and Bernardino Tavares	Western Is.	Western Is.
	26.	..... Pierce	Howard E. and Marietta Nickerson	Nova Scotia	Nova Scotia
	28.	Mercie Jane Wood	George T. and Susie N. Nickerson	Nova Scotia	Nova Scotia
	28.	Leno Giorgio Zaniboni	Edward and Elvira Ardizoni	Plymouth	Italy
	30.	Wilbert Harold Beauregard	John E. and Mary A. Bellefontaine	Plymouth	Nova Scotia

## BIRTHS—Continued.

Date.	Name.	Name of Parents.	Father's Birthplace.	Mother's Birthplace.
Oct.	2. Edith Annie Walker	Hilton and Edith A. Parkin	England	England
	6. Luigia Zucchi	Alfredo and Ilde Lenzi	Italy	Italy
	..... Newhook	Charles and Emma Jerome	St. Johns, N. F.	New Jersey
	7. Louis Scagliarini	Cesar and Mary Magoni	Italy	Italy
	9. Anna Secondo	Falasco and Ersilio Vauditti	Italy	Italy
	10. Iris Bella Jennings	Ralph and Annie W. Rudolph	Plymouth	Plymouth
	13. Wilfred Gething Huntley	James W. and Caroline Gething	Maine	England
	13. Louis Valeriani	Uboldo and Zara Minerelli	Italy	Italy
	18. Mary Alice Morey	Francis C. and Julia Cauty	Taunton	Ireland
	20. Peter Dino Cotti	Peter and Eulalia Bergonzoni	Italy	Italy
	22. Dudley Wentworth Stoddard	Tancradi and Elenor Bartolati	Italy	Italy
	24. Rosa Ciniarni	Frank R. and Eleanor S. Whipple	Boston	New York
	27. Fortunato Alfredo Benotti	Luigi and Santa Tantangri	Italy	Italy
	28. Julia Elizabeth Raymond	Isidor and Ida Tura	Italy	Italy
	31. Josephine Rugiero	William W. and Ida M. Valler	Plymouth	Plymouth
	31. Howard Russell Holmes	James and Mary Deituffa	Italy	Italy
		Solomon M. and Hattie Morse	Plymouth	Plymouth
Nov.	1. Manley Everett Davis	Manley E. and Edna F. Delano	New Brunswick	Plymouth
	1. Lola Guaraldi	Alessio and Benilde Guidoboni	Italy	Italy
	5. Marjorie Winmona Lafayette	Andrew L. and Carrie T. Haskins	Plymouth	Plymouth
	7. David Jesse	Frank and Frances Nuncs	Western Is.	Western Is.
	10. Margaret Brown	John T. and Rosie Silva	Ohio	Portugal
	10. Giovanni Galerani	Antonio and Adella Montanari	Italy	Italy
	15. Ida Taddia	Alfreda and Elizabeth Tassinari	Italy	Italy
	16. Ameglio Nello Corvini	Nello and Emma Tomosini	Italy	Italy
	16. Elena Evelyn Balboni	Joseph and Lena Corsi	Italy	Italy
	17. Samuel Markus	Meyer and Bessie M. Chesler	Russia	Russia
	17. Ellen Gertrude Pierce	Horatio W. and Christine McKinnon	Plymouth	Nova Scotia
	18. Barbara Clair Lewis	Wilverton and Mabel C. Pierce	Connecticut	New Jersey
	22. Allan Hathaway Graeff	Samuel B. and Charlotte Hathaway	Pennsylvania	Pennsylvania
	23. Illegitimate			
	23. Teresa Filippini	Louis and Gusta Motta	Italy	Italy
	24. Marion Theresa Anita Zandi	Ettori and Eminia Malaguti	Italy	Italy
	26. Albo D'Amore	Gennara and Margherita Lombardi	Italy	Italy
	27. Josephine May Craig	Frederick B. and Eliza J. Wright	England	Maine
	27. James Roger Alves	Joseph M. and Josephine C. Rogers	Western Is.	Western Is.

Nov.	28. Stillborn	Max and Ida Smith August and Mary Tavares	Russia Portugal
	29. Frances Blacher		
	30. Virginia Futardo		
Dec.	1. Louisa Miriam Magee	Joseph W. and Beatrice N. Bumpus Jay O. and Florence R. Brooks Robert J. and Minnie Wood Pasquale and Cesira Gionferrari William M. and Alice F. Keefe William M. and Alice F. Keefe Louis and Carrie Benetti George and Hazel Woodworth Victorio and Lucia Balfossi Gennaro and Annie Ruggiero	Russia Portugal Whitman Plymouth Plymouth Italy Saugus Saugus Italy Chelsea Italy Italy
	7. Joan Harlow		
	12. Robert Mansfield Torrance		
	12. Stillborn		
	16. Casero Sintoni		
	18. Katherine O'Connell		
	18. Kenneth O'Connell		
	23. Paoline Catherine Reggiani		
	26. Roy Basler		
	27. Giulio Pazolini		
	28. George Musto		

# DEATHS REGISTERED IN PLYMOUTH IN 1915.

Date.	Name.	Age			Cause of Death.	Name of Parents.
		Y	M	D		
Jan. 2	Effie Russell Holmes	32	—	—	Infection of frontal sinus	Horace W. Glass and Annie W. Badger
2	George E. Stillman (died in Brockton)	10	11	27	Cerebro meningitis	Charles W. Stillman and Olive B. Allen
4	John C. Kimber (died in Boston)	64	—	—	Myocarditis	John C. Kimber and —
5	—	—	—	—	Stillborn	— and —
7	Melissa H. Gardner (died in Rockland)	67	—	—	Cancer of stomach	Francis H. Drake and Bethiah B. Glover
10	Lillian May Malaguti	18	10	12	Eclampsia	Herman Hall and Sophia Drommer
12	Desire T. Ransom (died in Plympton)	93	6	21	Cerebral hemorrhage	Chandler Carver and Catherine —
19	Louis B. Burgess	66	6	9	Intestinal cancer	Henry Burgess and Abbie W. Bartlett
19	Bertha M. Peck	—	8	—	Sick from birth	John F. Peck and Mary A. Weidner
20	John Murray	81	7	7	Osteo sarcoma of femur	John Murray and Margaret Cummings
20	Hannah C. Clark	46	8	8	Lobar pneumonia	Edwin Cleveland and Sarah J. Rees
20	Sebastian Baungartner (died in Taunton)	90	—	—	Broncho pneumonia	— and —
21	Herbert J. Pratt	73	8	13	Dilated heart	James Pratt and Caroline Bartlett
23	Clara Anna Vecchi	13	1	8	Mitral insufficiency, acute gastro enteritis	Henry Vecchi and Natalie Zeroni
23	Phineas Pierce (died in Boston)	80	11	15	Nephritis	Phineas Pierce and Dorcas M. Fauce
25	Joseph Wallace Towns	—	—	—	Premature birth	Benjamin Towns and Margaret F. Hosmer
26	George Smith (died in Brooklyn, N. Y.)	33	11	4	Typhoid fever	Conrad Smith and —
27	David B. Arthur	80	10	—	Arterio sclerosis	John Arthur and Grace McLean
31	Mary A. Walker	74	—	—	Chronic valvular heart disease	Joseph Cushman and Sarah T. Hedge
Feb. 2	Hugo Hornig (died in Boston)	53	5	20	Cirrhosis of liver	— and —
3	—	—	—	—	Premature birth	— and —
3	Susan A. McFarlin	65	5	22	Dilation of heart	James Hudson and Susan Rutland
3	Manuel Morton	—	5	16	Convulsions	Frank Morton and Marie Cosmos
3	Nancy L. G. Howland	76	3	14	Rheumatic endocarditis	Adoniram J. Raymond and Betsey E. Swift
5	— Hurwitz	—	3	2	Premature birth	Abraham Hurwitz and Rebecca Farbslein
10	Elizabeth W. Chase (died in Taunton)	69	2	2	Secondary anaemia	John Chase and Lydia Ripley
14	Lillian Souza	39	3	2	Frozen to death	George E. Lyle and Jerric E. Randall
14	Thomas S. Callahan (died in Virginia)	3	16	6	Acute indigestion	Frank Souza and Theresa Rodrigues
14	Thomas S. Callahan (died in Boston)	44	1	9	Pneumonia	Daniel Callahan and Catherine Keough
17	Clara A. Govoni	5	5	20	Erysipelas	Frederick Govoni and Adela Gallarini
17	Manuel Marques	21	—	1	Pertussis of left leg	Antonio Marques and Antonia Marques
18	Philip J. Shaich (died in Leominster)	76	6	2	Uremic poisoning	— and —



Feb. 19	Sarah Freeman Proctor	92	2	12	Arterio sclerosis	Elisha Perry and Betsey Corliss
22	John F. Moore	61	1	9	Apoplexy, paralysis of left side	Jessie Moore and Martha Chadbourn
22	Lemuel B. Bradford (died in Natick)	75	1	13	Arterio sclerosis, cerebral hemorrhage	Lemuel Bradford and Jerusha C. Holmes
23	Isabella F. Shaw	72	4	13	Pernicious anaemia	Samuel Shaw and Mary Gibbs
25	Winifred Braunecker (died in Brighton)	41	9	7	Endocarditis	William Riley and Mary Milligan
28	Lewis E. Thompson	—	—	15	Congenital malformation of heart	Bernard J. Thompson and Garnet I. Robinson
Mar. 2	Angelina Mortali	1	—	8	Broncho pneumonia	Antony Montali and Anna Corsi
8	Arabella F. Bradford (died in Boston)	71	—	8	Nephritis	Eleanor Barnes and Deborah Kimball
11	Roscoe G. Berry	78	10	16	Valvular disease of heart	Jacob Berry and Harriet Curtis
12	Edward W. Atwood	79	2	18	Valvular disease of heart	William Atwood and Harriet Morton
13	Patrick M. Harding (died in Salem, N. H.)	62	5	4	Chronic bronchitis	— and —
14	Laura Alva	5	7	27	Tubercular meningitis	Louis Alva and Mary Corrie
14	William J. Burrowes	34	10	29	Pulmonary tuberculosis	Robert Burrowes and Louisa —
16	Georgianna Rugg	68	—	—	Pernicious anaemia	George W. Godfrey and — Parnal
18	William H. McGlauthlin (died in Baltimore, Md.)	66	4	18	Chronic brights disease	William McGlauthlin and Hannah W. Dunham
23	Grace May Howland (died in Brookton)	20	1	6	General tuberculosis	Elmer G. Howland and Alice M. Cobb
26	Thomas A. Peterson	70	8	25	Found dead in bed	Peter Peterson and Gumbild —
27	Betsey B. Davis	98	3	11	Old age	Ephraim Washburn and Mary —
27	Sarah J. Cleveland	76	7	19	Cerebral hemorrhage	Robert Rees and Sarah Trifts
28	William G. Leonard	24	6	3	Epilepsy, broncho pneumonia	William G. Leonard and Catherine McDonald
27	Jessie P. Macdonald (died in Taunton)	38	—	—	Organic heart disease	Frederick Macdonald and Josephine Brown
29	Elizabeth D. Jones	64	5	7	Cerebral hemorrhage	John F. Hoyt and Bethiah Holmes
30	Charles E. Kimball	60	2	30	Lobar pneumonia, asthma	Elbridge Kimball and Abigail Robey
Apr. 1	Frank Irving Foster, Jr. (died in Melrose)	—	—	2	Congenital malformation of heart	Frank I. Foster and Maria Marks
2	Arthur Louis King (died in Glendora, Calif.)	31	5	28	Pulmonary tuberculosis	Sylvanus L. King and Deborah H. Finney
3	Nathaniel Swift	90	5	24	LaGrippe	Nathaniel Swift and Lucy Valler
3	Ernest Roderick	—	5	8	Broncho pneumonia	Manuel Roderick and Mary Andrade
4	Arthur Russell Train	62	8	27	Lobar pneumonia	William G. Train and Mary E. Phipps
5	Roscoe M. Sampson (died in Boston)	68	5	28	Pyonephrosis	Marston Sampson and Lucy Simmons
7	—	—	—	—	Stillborn	— and —
10	Manuel Costa	22	8	16	Pulmonary tuberculosis	Joseph Costa and Anna Monish

# DEATHS—Continued.

Date.	Name.	Y	M	D	Age	Cause of Death.	Name of Parents.
Apr. 10	Maria E. Morton (died in Framingham)	69	7	19	74	Hypostatic pneumonia	Edwin Morton and Betsey T. Harlow
10	Antonia Vincent	26	8	26	75	Chronic brights disease	Manuel Angel and Jessie Angel
11	John Joseph Sears	29	8	6	75	Carcinoma of stomach	Andrew Sears and Mary McCarthy
15	John Sayko	36	—	—	76	Heart failure, pulmonary tuberculosis	Joseph Sayko and Nellie
17	Sarah F. Manter	68	—	—	76	Cancer of the intestine	Phineas Swift and Martha Douglas
17	Rosie Chapel	1	2	3	76	Tubercular meningitis	Jacob Chapel and Helen Reelock
18	John H. Weeks (died in Brookline)	55	10	18	76	Endocarditis	J. Frank Weeks and
18	Alice Hovey Churchill	40	9	12	76	Cancer of lung, cancer of breast	Ivory Blackner and Frances Manter
19		—	—	—	76	Stillborn	George Holmes and Pamela Morton
20	Mary C. Hoxie (died in Wollaston)	69	—	1	76	Cancer of liver	Isaac L. Bunker and Aurtencia Richards
21	Joseph L. Bunker	75	9	19	76	Angina pectoris, arterio sclerosis	Freeman H. Holmes and Emeline Holmes
22	John H. C. Holmes (died in East Bridgewater)	36	8	3	76	Pulmonary tuberculosis	James H. Robbins and Edith M. Simpson
24	Mabel J. Robbins	16	1	12	76	Endocarditis, diphtheria	Frank Mutties and Lenora Silva
25	Frank Mutties	33	9	8	76	Acute military tuberculosis	John P. Peck and Louise Quartz
26	Vincenzo Peck	—	2	hours	76	Premature birth	Gustavo Bietti and Marguerite Vergnani
28	Vincenzo Bietti	—	—	1	76	Premature heart disease	Gustavo Bietti and Marguerite Vergnani
29	Daniel Dranofsky	26	—	3	76	Premature birth	William D. Winsor and Hannah Howard
30	Giuseppi Bietti	—	—	—	76	Corebral hemorrhage	Isaac S. Holmes and Deborah Rickard
30	Ellen Howard Cushing (died in Providence)	74	8	2	76	Corebral hemorrhage	Harry L. Simmons and Bertie E. Bradford
May 2	Harriet L. Savory	64	8	28	76	Carcinoma of stomach	Antonio Santos and Margaret Souza
2	Addison W. Simmons	—	30	min.	76	Premature birth	John Newhall and Mary Chamberlain
4		1	2	29	76	Stillborn	Patrik Ahern and Mary Dolan
6	Joseph Santos	79	5	20	76	Natural causes, probably pneumonia	Wilfrid O. Broadbent and Alice S. Cole
9	Ulrich Schroeder	72	3	15	76	Scuille gangrene	Ira Jennings and
9	Mary F. Sturtevant	72	3	15	76	Broncho pneumonia	Harvey Frink and Lina Wheeler
10	Eliza S. Terry	79	5	23	76	Old age	James Morton and Mary B. C. Davie
10	Richard Warren Broadbent	—	—	2	76	Congestion of brain	James Pearman and
11	James I. Jennings	49	11	12	76	Tuberculosis of lungs	Michael Frawley and Mary Morissey
11	Charles H. Frink	77	1	26	76	Cerebral hemorrhage	
18	Manuel Fernandez Diaz	17	4	—	76	Spticaemia	
18	George S. Morton	68	3	4	76	Lobar pneumonia	
19	Ruth Ann Humphrey	47	7	20	76	Cerebral hemorrhage	
19	Grace Kelliher	72	2	26	76	Apoplexy, chronic brights disease	



May	22	Amelia Costa	—	9	25	Bronchial pneumonia	Manuel Costa and Orelia Perry
	25	Henry Sampson (died in Brockton)	65	4	16	Nephritis	Levi Sampson and Rebecca Pierce
	31	Ellen Rogers	—	6	4	Premature birth	William Rogers and Joyce Leaman
	31	Martin Keefe	82	22		Fracture of thigh at the hip	Martin Keefe and —
June	1	Joseph Pacia	1	3	29	Tubercular meningitis	Antonio Pacia and Wilhelmina Thomas
	4	Antone Luiz	31	—	—	Lobar pneumonia	Manuel Luiz and Mary Jesus
	6	Arthur J. Chandler	60	10	6	Meningitis	James Chandler and Mary Peterson
	9	Joseph Costa	1	2	29	Chronic gastro enteritis	Samuel Costa and Mary Lena
	9	Lydia C. Lawrence (died in Taunton)	86	—	7	Lobar pneumonia	Richard Pope and Eunice Churchhill
	10	Lillian F. Christie (died in Boston)	29	3	8	Scarlet fever	A. Leslie Christie and Alice L. Christie
	10	Nellie Thomas	51	—	11	Lobar pneumonia	Garnall Thomas and Ruth J. Nelson
	11	James Higgins	36	8	9	Lobar pneumonia, abscess of right lung	John Higgins and Bridget Cunningham
	12	Annie Gorman	48	—	9	Apoplexy, cerebral paralysis	James Brady and Mary Smith
	18	Andrew R. Russell	68	5	20	Carcinoma at base of tongue	Andrew Russell and Hannah Davis
	18	Dimitrez Jufinzus	26	—	5	Broncho pneumonia	Alexander — and —
	19	Mariono Arch	40	5	13	Concussion of brain and suffocation	Wilhelm Arch and Otassia Massita
	24	Dennis Edson Raymond	65	—	—		Shadrach A. Raymond and Abbie J. Ryder
July	1	Charles B. Harlow	60	8	3	Septicaemia, wound on arm	William Harlow and Abbie T. Holmes
	2	Colina Romani	—	2	23	Sick from birth	Dominic Romani and Colina Moski
	5	Carolina Peck (died in Kingston)	42	11	4	Carcinoma of liver	Jacob Bouse and Katharina Weichell
	6	George T. McLaughlin (died in New York)	65	—	—	Submersion	William McLaughlin and Hannah W. Dunham
	7	Mary A. Cahill	36	5	29	Acute brights disease	Owen Cahill and Mary Farley
	8	Mary A. Howes	68	11	8	General paralysis, cerebral hemorrhage	— and —
	9	Coleman B. Chandler	71	8	27	Cerebral embolus, endocarditis and arterio sclerosis	Samuel Chandler and Jerusha Bartlett
	16	— Tannett	—	—	1	Premature birth	Harry A. Tannett and Fannie E. Waterman
	16	Sarah F. Jackson	78	—	25	Myocarditis, pulmonary odema	Philip Washburn and Hannah D. Fuller
	19	Igno L. Maini	37	7	9	Gastric cancer	Francisco Maini and Elina Balboni
	22	Andrew J. Alexander	81	5	2	Carcinoma of bowels	Perry Alexander and Freija Greenleaf
	24	—	—	—	—	Stillborn	— and —
	25	Annunziati Arcangeli	—	—	16	Sick from birth	Alessandro Arcangeli and Mary Lenzi
	26	—	—	—	—	Stillborn	— and —
	28	Nathan Burgess	59	6	9	Cancer of face	Henry Burgess and Abbie W. Bartlett
	29	Anne T. Walker	30	—	—	Meningitis	— and —
	30	Dorothy Mae Vian	—	—	4	Inanition fever and hemorrhage	Ernest A. Vian and Ellen A. Sullivan
Aug.	2	Annis Camps Sawyer	76	2	14	Paralysis, cerebral hemorrhage	William Boulter and Phoebe Came
	7	Mary H. Morse	38	6	9	Appendicitis, intestinal obstruction	William H. Frankland and Julia L. Lamb
	7	Leon Nunes Nathalia	23	8	—	Congestion of lungs	Leon N. Nathalia and Maria Goncaloas

# DEATHS—Continued.

Date.	Name.	Age			Cause of Death.	Name of Parents.
		Y	M	D		
Aug. 8	Alphonse Garrein	53	—	—	Multiple sarcoma	Charles L. Garrein and Philomene Lebrick
9	Jane McNally	69	—	—	Cerebral hemorrhage	George Dolphin and Jane Roxbee
10	William S. Scott	86	1	5	Cerebral hemorrhage	William Scott and ———
10	Mary Almada	—	2	21	Cholera infantum	Joseph Almada and Mary Cabral
11	Georgetta Atwood (died in Brookton)	48	8	17	Cancer of uterus	Fred M. Atwood and Lucy M. Terry
12	William I. Phelan	37	10	6	Intestinal obstruction, carcinoma of large intestine	Martin A. Phelan and Mary A. Brady
13	Charles Sexton Pierce	63	8	15	Cerebral hemorrhage, acute indigestion	Charles S. Pierce and Elizabeth Copeland
13	Giuliano Arcangeli	—	1	4	Sick from birth	Alessandro Arcangeli and Mary Lenzi
15	Bridget Cummings	63	—	—	Acute enteritis, dilated and weak heart	John Joyce and Mary Manning
16	John H. Brown	66	1	8	Heart failure, diabetes	Francis Brown and Frances Jones
16	Richard H. Raymond	—	4	hours	Premature birth	George A. Raymond and Lucy E. Richard-son
16	John Bruner	70	—	—	Heart disease	——— and ———
17	Margaret C. Bunker (died in Beverly)	68	—	—	Mitral insufficiency	Everett Price and ———
21	Joseph Powell	57	—	—	Heart failure	Jacob Powell and Emma Relf
21	Manuel Andrews	—	16	—	Purpura fulminans	Manuel Andrews and Mary Costa
22	Warren W. Davis	6	7	22	Acute nephritis	Frank Davis and Mary J. Stott
22	George J. Gerety	25	11	—	Chronic nephritis, cerebral hemorrhage	John J. Gerety and Mary A. Hallinan
27	Mary Star Cabral	—	6	24	Acute gastro enteritis	Joseph Cabral and Almerana Souza
27	Margaret Young	—	7	hours	Premature birth	Percy S. Young and Grace W. Mason
30	Isaac H. Eddy	66	7	20	Cerebral hemorrhage	Darius Eddy and Lydia Hersey
Sept. 1	Cosimo P. DiBisceglie	41	1	16	Hemorrhage, shock, accident	Paola P. DiBisceglie and Saveria Fandli
2	Joe Ventura	—	2	10	Cholera infantum	August Ventura and Catharina J. Felediano
2	———	—	—	—	Stillborn	——— and ———
5	Susan J. Short	44	—	8	Intestinal cancer, general peritonitis	Edward Blandford and Catherine Edward
6	Georgianna Stevens	68	5	19	Apoplexy, paralysis of chest	James Sears and Almira Hodges
6	Herbert C. Howland	59	9	20	Arterio sclerosis, oedema of lungs	Lemuel C. Howland and Charlotte Swift
6	Experience C. Burgess	88	—	20	Old age, rheumatism	Vinal Burgess and Esther Clark
9	Sarah B. Wrightston (died in Brookton)	92	10	23	Arterio sclerosis	———
9	Francis K. Bartlett	66	—	3	Chronic nephritis	Josiah Atwood and Hannah Thomas
11	Beatrice E. Robbins	2	11	10	Convulsions, heart failure	W. Lester Robbins and Elizabeth Schneider
17	Roy S. Wellington	40	9	10	Valvular heart disease	Harry Wellington and Mary Sebastian
17	James Peters, Jr. (died in Dorchester)	32	2	26	Pulmonary tuberculosis	James Peters and Betsy Clark

Sept. 24	Agnes M. Eagan	51	1	12	Cyst of broad ligament, shock and peritonitis	William Sterling and Margaret McMillan
24	George W. Leach (died in Boston)	69	3	24	Mycocarditis	Phineas Leach and Mary P. Ellis
25	Danti Rappatoni	—	—	11	Premature birth	Alphonso Rappatoni and Bortha Silari
29	Leonard Sampson	—	4	27	Cholera infantum	Isaac Sampson and Mary Keefe
29	Donald Howard Anderson	1	5	22	Acute meningitis	James Anderson and Angie C. Holmes
30	Amorinda Botelho	—	8	—	Acute gastro enteritis	Manuel Botelho and Clotilda Gloria
Oct. 3	Manuel B. Costa	—	9	11	Cholera infantum	Mannel B. Costa and Mary Pacheco
4	Ivory Blackner	90	—	10	Old age	Branch Blackner and Phoebe Bartlett
9	Lucia Mazzilli	1	10	26	Diphtheria	Mauro Mazzilli and Celia Ceveri
11	Adeline Roderick	15	2	—	Pulmonary phthisis	Mannel Roderick and Mary Days
15	Joseph Taylor	79	2	4	Heart disease, old age	Joseph Taylor and Sarah Maxim
17	John Corry	33	—	—	Congestion of the lungs, heart disease	— and —
18	Letitia W. Smith	64	4	—	Endocarditis	William Drape and Hannah Hood
19	George A. Hertel	43	7	—	Rheumatic endocarditis	Fred U. Hertel and Georgianna Brewster
21	Jacob Braunecker	73	1	8	Apoplexy	George Braunecker and Elizabeth Miller
22	Caleb Harvey Cole	79	6	1	Heart disease	Alfred Cole and Fannie H. Bartlett
27	Rufus E. Caswell	58	1	15	Chronic nephritis	Thomas Caswell and Deborah Braley
Nov. 3	Adam Stevens	80	—	—	Sclerosis of coronary arteries	— and —
7	Francis Costa	—	1	20	Merasmus	John Costa and Mary Conceacao
12	Stephen Perkins (died in Worcester)	82	10	11	Heart disease, broncho pneumonia	Stephen Perkins and Johanna Lucas
13	Harriet E. Bartlett	77	—	21	Cerebral hemorrhage, paralysis	Anassa Holmes and Mary Nye Bartlett
18	Lydia A. Bennett	66	2	10	Angina pectoris, nephritis and organic heart disease	Sylvanus Sampson and Lydia C. Burgess
20	Agnes Anthony	—	8	18	General septicaemia, axillary abscess	Manuel Anthony and Frances Pimental
21	Louise S. Dorr	82	4	14	Ulcer of stomach, bronchitis	James Dorr and Betsey Ames
22	—	—	—	—	Stillborn	— and —
24	Sarah J. Munroe	71	—	13	Gangrene of left foot, embolians	Henry W. Green and Elizabeth T. Fauce
26	Carrie W. Finney	39	10	13	Pleurisy with effusion, heart failure	Albert T. Finney and Caroline C. Facy
26	Rufus H. Pope	77	5	6	Ran into by automobile, rupture of intestine	Richard Pope and Eunice Churchill
27	Anna B. Hart (died in Dorchester)	65	5	22	Nephritis	Jason Hart and Emily Goddard
27	Albo Damore	—	—	—	Premature birth	Ginnaro Damore and Marguerite Lombardi
28	—	—	—	—	Stillborn	— and —
28	Eliza A. Sullivan	59	2	9	Cancer of intestines	John T. Howard and Catherine McGuire
Dec. 3	Andrew L. Raymond	79	10	20	Paralysis of throat and side	Samuel Raymond and Hannah Leach
5	Fayette M. Griswold (died in Oakland, Me.)	35	2	24	Appendicitis	George W. Griswold and Mary Bennett
6	Katharine W. Davis	56	9	4	Embolus, phlebitis of both lower legs	William T. Davis and Abbie B. Redge
9	Caroline Mattern	69	10	4	Carcinoma of right lung, sigmoid flexure	Louis Lyon and Louisa Walsner

# DEATHS—Continued.

Date.	Name.	Age		Cause of Death.	Name of Parents.
		Y	M D		
Dec. 9	Nancy B. Stevens	32	2 16	Nephritis, tricuspid regurgitation	B. Frank Stevens and Lizzie M. Fuller
12	Gerardo Albertini	—	—	Stillborn	Antonio Albertini and Rita Villani
13	Elizabeth G. Bartlett (died in New- ton)	56	—	Typhoid fever, intestinal hemorrhage	David Thrasher and Susan Swift
14	Clara Elizabeth Ellis (died in King- ston)	85	11 23	Pulmonary oedema	Norman S. Cate and Hannah J. Holmes
17	Martha J. Murray (died in Boston)	63	8 21	Cancer of uterus and appendages	Geoffrey Landry and Elizabeth Boudrout
18	Gertrude Louise Baker	41	2 11	Pneumonia	Herbert Baker and Annie Daley
18	Lucy Akin Sears	2	7 13	Pneumonia	Zenas Wood and Mercy Hawes
21	Mariano Viera (died in Bridge- water)	73	6 22	General paralysis, cerebral hemorrhage	John Atwood and Hannah Wiswell
23	Hannah Tutts Holmes	32	—	Cirrhosis of liver	Nathaniel C. Barnes and Betsey W. Tribble
24	Mercy C. Robbins	76	8 26	Cancer of bowels, rupture of intestines	Louis Viera and Evangeline Amorini
26	Louis Viera	77	1 8	Carcinoma of breast, fracture of femur	Alexander J. Hathaway and E. Sarah Rob- bins
27	Frank M. Hathaway	43	9 19	Measles	Gennaro Musto and Annanett Ruggiero
28	Valentine Herman (died in Boston)	88	11 27	Typhoid fever, intestinal perforation	Edward Ruoizzi and Argea Culetto
29	George Musto	—	2	Cerebral hemorrhage	
29	Laural Ruoizzi	4	4 22	Feeble from birth Measles	
1895 Apr. 15	John Blackmer (died in Springfield)	65	8 28	Pericarditis, pneumonia	John Blackmer and Esther Bartlett
1910 July 9	Francis A. Pierce (died in Boston)	49	6 16	Myocarditis	Phineas Pierce and Harriet A. Paty
Nov. 26	Harriet M. Kneeland (died in Boston)	69	10 17	Pneumonia	Timothy Daniell and Abbie Kingsbury

## MARRIAGES REGISTERED IN PLYMOUTH IN 1915.

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- Jan. 1. Otto Theodore Brink and Ruby Winslow Caswell, both of Plymouth.
- Jan. 7. James Arthur Lawton of Plymouth and Grace Elizabeth McCarthy of Lawrence, married in Lawrence.
- Jan. 9. Henry J. Cavicchi and Clarice Leonardi, both of Plymouth.
- Jan. 14. Manley Everett Davis and Edna Frances Delano, both of Plymouth.
- Jan. 18. Edward William Glueck and Alice Richardson Kelly, both of Waltham, married in Plymouth.
- Jan. 30. Cesare Felsani of Plymouth and Ida Rocca of Milford, N. H., married in Milford, N. H.
- Feb. 7. Louis Albano Tura of Kingston and Olga Giberti of Plymouth, married in Plymouth.
- Feb. 13. Laban Burt Briggs, Jr., and Maud Frances Eastwood, both of Plymouth.
- Feb. 16. Arthur W. White of Roxbury and Flora M. Brown of Plymouth, married in Plymouth.
- Feb. 18. Martin Franklin West and Mary Morton Hall, both of Plymouth, married in West Dennis.
- Mar. 1. John B. Washburn and Martha J. Dixon, both of Plymouth, married in Boston.
- Mar. 3. Charles Ponthieu and Hortense DeCupper, both of Plymouth.
- Mar. 3. Birney Osro Halliwell of Sumner, Mich., and Mary Goodwin Sampson of Plymouth, married in Plymouth.



- Mar. 7. Vincent Corsini of Plymouth and Louisa (Luppi) Palazzi of East Boston, married in Plymouth.
- Mar. 24. George Henry Bitgood of Hope Valley, R. I., and Jeanette Milfred Gallagher of Plymouth, married in Plymouth.
- Apr. 3. Samuel Beard Graeff of Philadelphia, Pa., and Charlotte Hathaway of Plymouth, married in Plymouth.
- Apr. 4. Clifton Bradford Hatton and Marion Simmons Hiller, both of Plymouth.
- Apr. 5. William Keller and Susan Elizabeth Goodwin, both of Plymouth.
- Apr. 12. Victal Fernandes and Maria Y. Fernandes, both of Plymouth.
- Apr. 12. John Charette of Island Creek and Celima (Bergeron) Bureau of Plymouth, married in Plymouth.
- Apr. 13. Myer Shwom of Plymouth and Rose Berger of Lawrence, married in Lawrence.
- Apr. 17. Vincenzo Andrietti and Mariana Malaguti, both of Plymouth.
- Apr. 17. Harold Bartlett Paulding of Brooklyn, N. Y., and Alice M. Yates of Andover, married in Plymouth.
- Apr. 22. William Atkins Freeman of Duxbury and Elizabeth May Leonard of Plymouth, married in Plymouth.
- Apr. 23. Arthur Elliot Holmes of Duxbury and Grace B. (Holmes) Collingill of Plymouth, married in Boston.
- Apr. 24. Antonio Leandro and Virginia Cabral, both of Plymouth.
- Apr. 28. Harry Thomas Bennett and Nellie Warren Wood, both of Plymouth.
- May 1. Constantina Marks and Georgiana Sylva, both of Plymouth.
- May 1. Antonio Jacintho Pedro and Mary Pimental, both of Plymouth.

- May 8. Jacinthe Vicente and Mary Stella, both of Plymouth.
- May 8. Wallace Bradley Brewster and Emily Aston Briggs, both of Plymouth.
- May 8. Harold Day Brown and Martha Seaver Washburn, both of Plymouth
- May 27. George John Basler and Hazel May Woodworth, both of Plymouth, married in Pawtucket, R. I.
- May 28. Louis Pellegrini of Plymouth and Mary Garuti of Kingston, married in Plymouth.
- May 30. Frederick Clyfton Lovell of Plymouth and Marie Louise Hall of Kingston, married in Kingston.
- June 1. Morris Zatz of Boston and Alice Greenspoon of Plymouth, married in Boston.
- June 1. Morris H. Heipt and Mary Ann Buckley, both of Plymouth.
- June 2. Manuel Frank and Mary Thereza, both of Plymouth.
- June 2. Alton Morton Sherman and Mabelle Kelley, both of Plymouth.
- June 5. William Wellington Flockton of Plymouth and Mary (Basler) Keller of Kingston, married in Plymouth.
- June 12. Joseph Townsend and Marabelle Lillian Bisbee, both of Plymouth, married in Bryantville.
- June 15. Augustino Aquaviva and Annie May Aldorisio, both of Plymouth.
- June 15. Archie Richmond Ellis and Mary Belle McDonald, both of Plymouth.
- June 16. Edmund Hamblin Sears of East Dennis and Katherine Louise Stegmaier of Plymouth, married in Plymouth.
- June 16. Harry Gardner Clark and Florence Evelyn Savery, both of Plymouth.
- June 17. Albert Jerome Doppler and Lillian M. (Hollis) Smith, both of Plymouth.



- June 19. George Archie Paul and Georgie Emma Nelson,  
both of Plymouth, married in Kingston.
- June 20. Edward Daniel Matheson and Kate Bradford  
Stranger, both of Plymouth, married in Boston.
- June 30. Giles Roy Hoadley of Waterbury, Conn., and Pauline  
Allen Phelps of Plymouth, married in Plymouth.
- July 1. Percy Henry Marsh and Ina May Pierce, both of  
Plymouth.
- July 3. Abdon Sozzi of Brockton and Adeleisa Guerra of  
Plymouth, married in Plymouth.
- July 3. Ernest Govoni and Mary Zaniboni, both of Plymouth,
- July 4. James T. Dawson and Katherine M. (White) Wood,  
both of Plymouth.
- July 7. Ernest Warren Langford of Rockland and Bernice  
Frances Griffin of Plymouth, married in Kingston.
- July 7. Joseph Raposo and Maria J. Raposa, both of Plym-  
outh.
- July 8. Alfred Nelson Douglas and Mary Louise Ferdinand,  
both of Plymouth.
- July 17. John Bernard Rapose and Maria Angeos Furtado, both  
of Plymouth.
- July 19. Victor Lawrence of Lippitt, R. I., and Anna (Cham-  
pigny) Tetrault of Plymouth, married in Plymouth.
- July 19. Sabino Millomes and Marie Vincenzo, both of Plym-  
outh.
- July 21. Patrick Orrin Conley of Plymouth and Emma J.  
(Farrar) Allen of Middleboro, married in Plymouth.
- July 24. George John Keller and Helen Alsheimer, both of  
Plymouth.
- July 24. Carl Francis Burgess and Edith Ann (Black) Burns,  
both of Plymouth.

- Aug. 2. Lester Colburn Woodward and Abbie Louise (Reinhardt) Everson, both of Kingston, married in Plymouth.
- Aug. 8. Jesse Gonsales of Plymouth and Martha Jackson of Greenville, Va., married in Plymouth.
- Aug. 14. Guy Bernagozzi of Plymouth and Mary Balboni of Kingston, married in Plymouth.
- Aug. 16. Edgar Paul Westmoreland and Marian Wesley Milburn, both of Plymouth.
- Aug. 19. Maynard Bryant Swift and Ethel Oldham Wood, both of Plymouth.
- Aug. 21. Joseph Henriques and Ogenia DaCosta Gallego, both of Plymouth.
- Aug. 21. Angelo Bongiovanni and Arda Gilli, both of Plymouth.
- Aug. 26. Chester Warren Kendrick and Rose Anna Barriault, both of Plymouth.
- Sept. 1. Edwin Howard Whiting and Jeanie (Deans) Deans, both of Plymouth.
- Sept. 4. Arthur Ray Judge, Jr., of Plymouth and Edith Vieira of Gloucester, married in Gloucester.
- Sept. 4. Manuel Ribeiro and Mary Rego, both of Plymouth.
- Sept. 11. Wendelin Peter Strassel and Madeline Brenner, both of Plymouth.
- Sept. 13. Herman W. Hall, Jr., and Laura Frances Morton, both of Plymouth.
- Sept. 16. Henry Hall and Aurissa A. Cooper, both of Plymouth.
- Sept. 16. Robert John Barbieri of Plymouth and Selma Virginia Vezzani of Kingston, married in Kingston.
- Sept. 18. Charles Abbott Dixon and Emma Maria (Croft) Collins, both of Plymouth.

- Sept. 21. Edward Anderson Perkins and Rachael Catherine Hayes, both of Plymouth, married in Framingham.
- Sept. 25. Mariano Fontes and Maria Pacheco, both of Plymouth.
- Sept. 27. Harold Sprague Spooner of Fairhaven and Bertha Louise Ellis of Plymouth, married in Plymouth.
- Oct. 2. William Weston Baker and Madeline Eustine Wirtzburger, both of Plymouth.
- Oct. 6. Frederick Hiram Britton and Constance Elizabeth Otley, both of Plymouth.
- Oct. 6. Frank Theodore Fischer of Plymouth and Ellen (Highley) Bake of Somerville, married in Somerville.
- Oct. 9. Jacob Stein of Chelsea and Rose Rovner of Plymouth, married in Boston.
- Oct. 9. Julius Ryll of Clinton and Mathilda Ryll of Kingston, married in Plymouth.
- Oct. 12. Arsenio Righini and Bianco Bergami, both of Plymouth.
- Oct. 12. Lucius Cummings and Leona I. (Brown) Steele, both of Boston, married in Plymouth.
- Oct. 16. Ralph Emerson Longfellow and Stella May Isner, both of Middleboro, married in Plymouth.
- Oct. 16. Charles Irving Pierce and Florence Blanche Peterson, both of Plymouth.
- Oct. 16. Charles Arthur Wood and Marion Hewitt Nightingale, both of Plymouth.
- Oct. 16. Antonio Hypolito of Plymouth and Matilda DeJesus Esteves of New Bedford, married in New Bedford.
- Oct. 18. Jose Dos Santos and Maria Costa, both of Fall River, married in Plymouth.
- Oct. 18. Carlo Baratta of Cambridge and Mary Baratta of Plymouth, married in Plymouth.

- Oct. 20. Antone Tavares and Louise Madeline Lawrence, both of Plymouth.
- Oct. 20. Kenneth Lothrop Bradford and Alice LeBaron Gooding, both of Plymouth.
- Oct. 23. Joseph Pedro and Carlotta Maria, both of Plymouth.
- Oct. 30. Theodore Martin and Grace Mitchell Bradford, both of Plymouth, married in Brockton.
- Oct. 31. John P. Donovan of Plymouth and Ellen Sweeney of Philadelphia, Pa., married in Plymouth.
- Nov. 6. Manuel Vincente and Mary Furtado, both of Plymouth.
- Nov. 6. Leslie Bradford Smith and Erma Fay Pratt, both of Plymouth.
- Nov. 7. Ralph Bernardo and Annie Viella, both of Plymouth.
- Nov. 8. Frank Joseph Goodwin and Hilda Matilda Mantyla, both of Plymouth.
- Nov. 10. Edwin Harold Cunningham of Sagamore and Gertrude Louise Weston of Plymouth, married in Plymouth.
- Nov. 11. William S. O'Brien of Abington and Margaret (Francis) Lewis of Plymouth, married in Plymouth.
- Nov. 20. Henry Otis Wright and Alice Louise Leonard, both of Plymouth.
- Nov. 20. Joaquim Pereira and Maria Alves, both of Plymouth.
- Nov. 25. Michael J. Riley of Plymouth and Ellen Featherstone of Arlington, married in Arlington.
- Nov. 25. Alsop L. Douglas of Plymouth and Magdalena Gehman of Hyde Park, married in Hyde Park.
- Nov. 27. Charles John Longhi and Eda Tassinari, both of Plymouth.
- Dec. 1. Jean Debricquoy and Zoe Verhenneman, both of Plymouth.

- Dec. 1. Rodmond Dunham Rogers and Helen Doris Emerson, both of Plymouth.
- Dec. 4. Armando Bonzagni and Elvira Soffritti, both of Kingston, married in Plymouth.
- Dec. 5. Willard Russell Cook and Florence Emma Chase, both of Plymouth, married in Barnstable.
- Dec. 5. Walter Joseph Hall and Alice A. Jennings, both of Plymouth, married in Kingston.
- Dec. 8. Thomas Anderson Bodell and Harriet Clark Fletcher, both of Plymouth.
- Dec. 9. Fred Lumb and Mary Wadsworth Whiting, both of Plymouth.
- Dec. 9. Dominic Fratus and Sarah Monish, both of Plymouth.
- Dec. 11. Manuel Anastasia and Louise Ventura, both of Plymouth.
- Dec. 14. William Henry Pridham and Mary Teresa O'Loughlin, both of Plymouth.
- Dec. 18. Celestino Lopes DiCarvalho and Vengeline DaC. Gouveia, both of Plymouth.
- Dec. 25. William Joseph Daly and Grace Gertrude Baker, both of Plymouth.
- Dec. 27. Dominick Romani and Lena Caviechi, both of Plymouth.
- Dec. 29. William E. C. Perry of Plymouth and Helen M. Long of Bourne, married in Bourne.

## SUMMARY

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### DEATHS.

Number of deaths registered, 220, of which 49 occurred out of town, burial taking place in Plymouth. Out of this number 1 died in 1895 and 2 in 1910 but were removed to Plymouth in 1915.

Born in—

United States,	174
Ireland,	9
Germany,	6
Italy,	4
Scotland,	3
Russia,	3
Nova Scotia,	2
Newfoundland,	2
England,	2
France,	2
Portugal,	2
Western Islands,	2
Azores,	2
Cape Verde Islands,	2
Norway,	1
Switzerland,	1
Porto Rico,	1
St. Michaels,	1
Unknown,	1
	<hr/>
	220



# MARRIAGES.

Number registered in 1915,	124
Both parties born in—	
United States,	54
Italy,	11
Portugal,	8
St. Michaels,	6
Russia,	4
France,	2
Canada,	2
Germany,	1
Ireland,	1
Cape Verde Islands,	1
Azores,	1
Mixed, one American,	27
Mixed, neither American,	6
	<hr/>
	124

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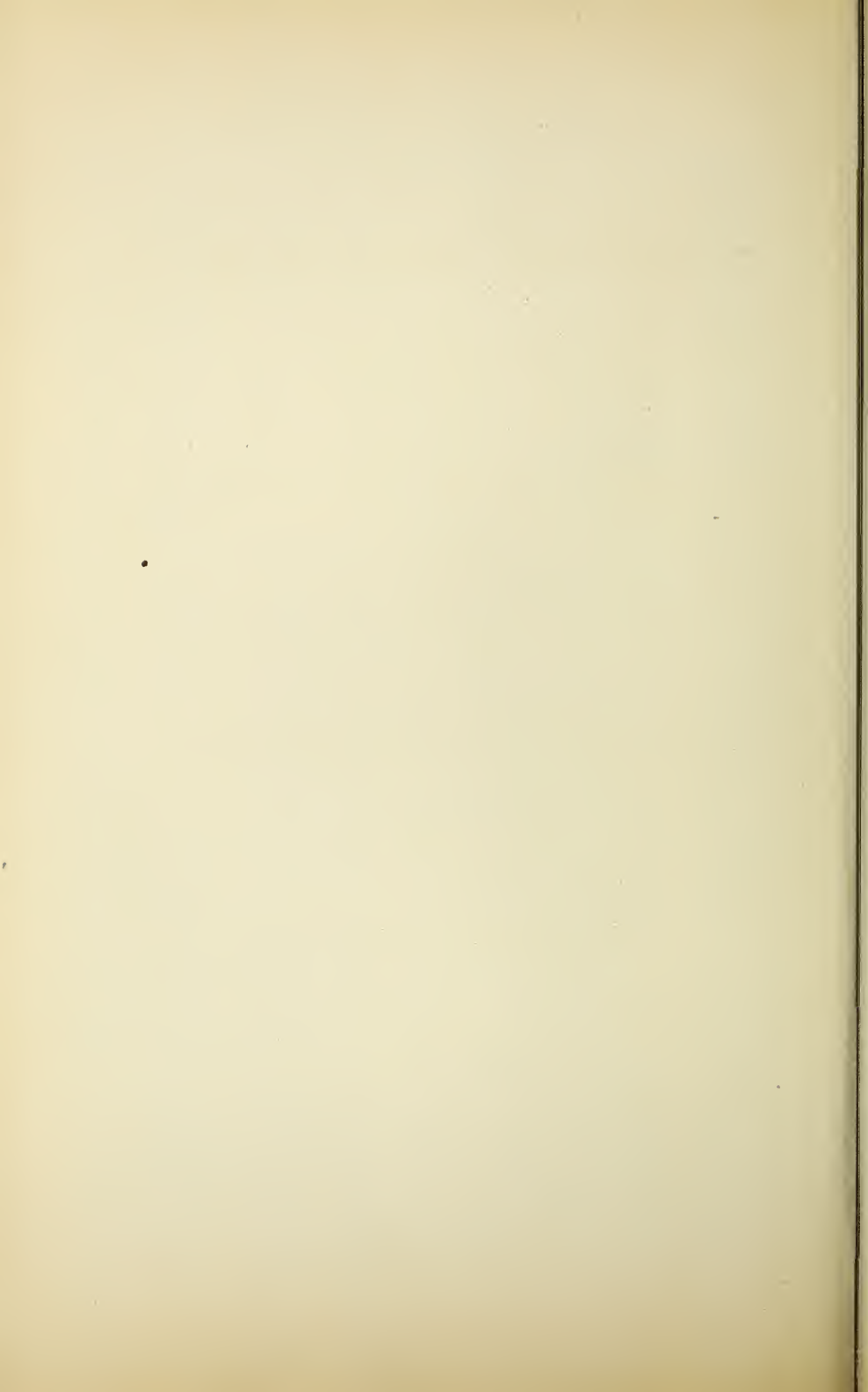
# BIRTHS.

Number registered,		285
Males,	140	
Females,	145	
Both parents born in—		
United States,		95
Italy,		76
Western Islands,		14
Russia,		12
Germany,		7
Portugal,		6
Ireland,		3
Nova Scotia,		3



England,	2
Canada,	2
Azores,	2
Scotland,	1
Holland,	1
Sweden,	1
Finland,	1
Norway,	1
Cape Verde Islands,	1
Mixed, one American,	50
Mixed, neither American,	7
	<hr/>
	285

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NINETEENTH ANNUAL REPORT

OF THE

CHIEF OF POLICE

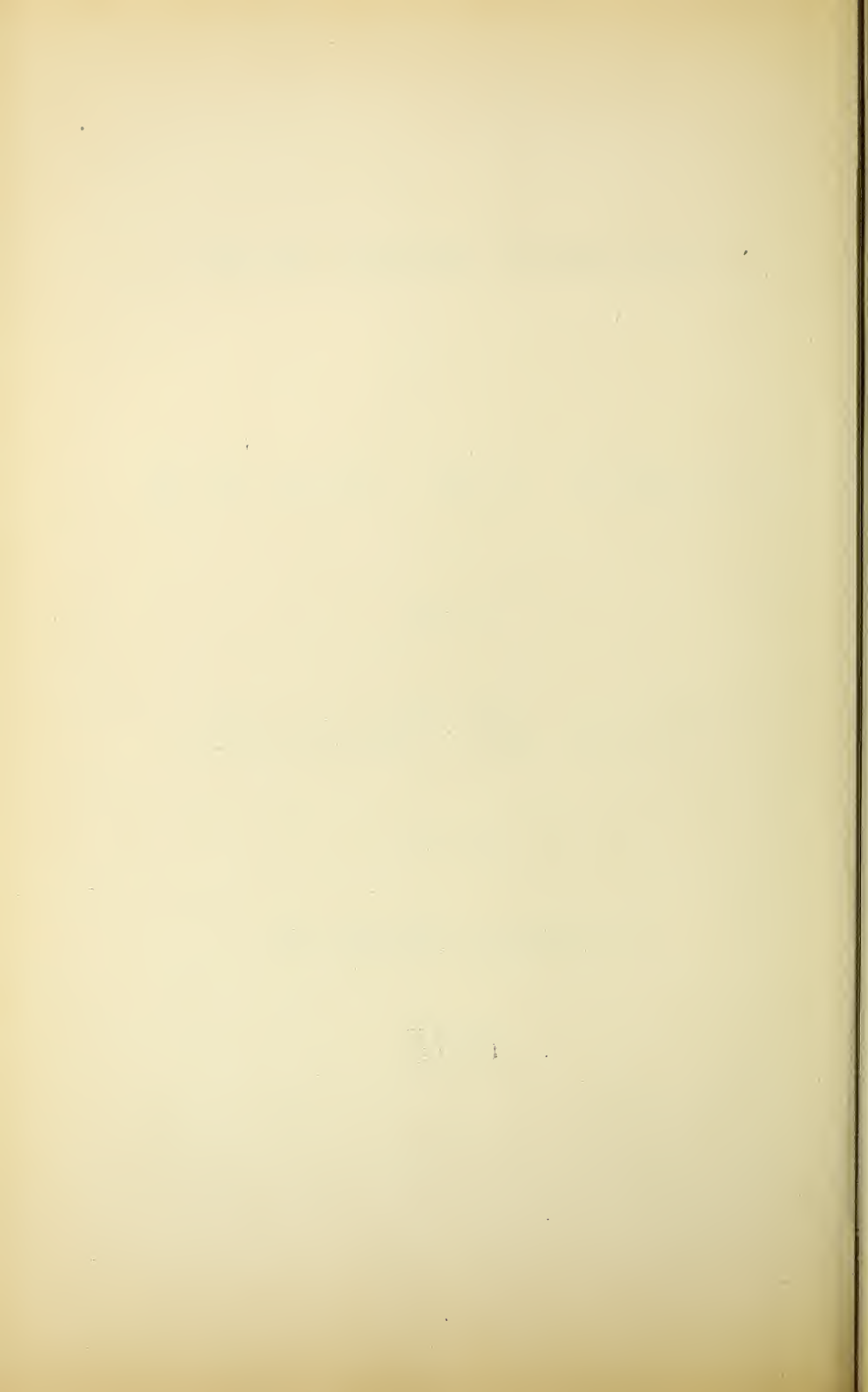
OF THE

Town of Plymouth

FOR THE

Year Ending December 31,

1915



## POLICE DEPARTMENT

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To the Honorable Board of Selectmen:—

Gentlemen: I have the honor to respectfully submit to you the following report of the Police Department for the year ending December 31, 1915.

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### ORGANIZATION

John Armstrong, Chief.

#### *Patrolmen*

Joseph W. Schilling, Lincoln S. Wixon, Cornelius J. Wren, John Gault, Jacob E. Peck.

#### *Constables*

John Armstrong, Joseph W. Schilling, Lincoln S. Wixon, Cornelius J. Wren, Jacob E. Peck, William E. Baker, Samuel Ferguson, Freeman Manter, Job H. Standish, James M. Cameron, Elwell H. Smith, Harrison B. Sherman, Herman W. Tower, Edward A. Dunton.

#### *Special Police Officers.*

James M. Cameron, Harrison B. Sherman, James M. Downey, Russell L. Dickson, Thomas W. Reagan, John Bodell, James W. Lewis, John H. Geary, John B. Finney, Fred L. Sears, Charles J. Grandi, J. Murray Atwood, Nicholas Stephan, Alfred Holmes, Roscoe A. Jewell, Freeman Manter, Frank H. Cushman, Thomas J. Kennedy, Charles Webber, Harry L. Sampson, Marks F. Braunecker, John Nauman, Valentine Peterson, John H. Morris.

*Special Police Officers for Limited Territory.*

Edward F. Stranger, cemeteries and Burial Hill; Bertram H. Wilbur, Pilgrim Monument; Benjamin F. Walker, High School; William H. Raymond, Mount Pleasant School; Louis B. Howland, Pilgrim Hall; Martin W. Holmes, Burial Hill; Horace Anderson, Fresh Pond; Thomas Robillard, Foresters' Hall; Geoffrey D. Perrior, Eagle and Red Men's Hall; Charles F. H. Harris, South Pond; William S. Fuller, South Pond; Charles S. Pearson, G. A. R. Hall; Paul J. Smithson, Boys' Club; Ralph F. Paulding, Jabez Corner; George Young, Long, Pilgrim and Atwood's Wharves; John H. Damon, Plymouth Beach; Michael H. McGovern, new Catholic Church; Frank Thomas, R. B. Simmington's estate; Albert A. Raymond, R. B. Simmington's estate; Walter Weeks, R. B. Simmington's estate; Charles Smith, R. B. Simmington's estate; Manuel Alves, R. B. Simmington's estate; James Bell, R. B. Simmington's estate.

*Fire Police*

James M. Downey, Patrick C. Connley, Charles H. Raymond.

*Janitor and Keeper of Police Station*

Thomas J. Kennedy

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*Business of Police Department*

Total number of arrests,	412
Males,	378
Females,	34
Residents,	294
Non-residents,	118
Number of fines imposed,	76
Amount of fines imposed,	\$2,011
Appealed cases,	16
Complaints dismissed,	9



Continued,	41
Discharged,	31
Released without arraignment,	40
Placed on file,	93
Probation,	43
Taunton Insane Hospital,	6
Bridgewater State Farm,	1
House of Correction,	22
Bound over to Grand Jury,	3
Suspended sentences,	11
Shirley School,	4
Walpole Training School,	1
Foxborough,	1
Defaulted,	4
Arrested for out of town officers,	7
Monson State Hospital,	1
Sherborne,	2
	<hr/>
	412

*Arrests by the Month.*

	Males	Females	Total
January,	14	0	14
February,	19	2	21
March,	18	1	19
April,	28	0	28
May,	24	0	24
June,	36	5	41
July,	69	4	73
August,	34	7	41
September,	49	7	56
October,	18	3	21
November,	27	3	30
December,	42	2	44
	<hr/>	<hr/>	<hr/>
	378	34	412

*Offences*

	Males	Females	Total
Assault and battery,	16	2	18
Adultery,	5	4	9
Affray,	3	0	3
Annoying girls on street,	1	0	1
Bigamy,	1	1	2
Bastardy,	2	0	2
Bob Veal, offering for sale,	1	0	1
Breaking and entering,	19	0	19
Cruelty to animals,	1	0	1
Drunkenness,	135	2	137
Disturbing the peace,	24	0	24
Disorderly house, keeping,	1	0	1
Fornication,	1	1	2
Fornacation,	1	1	2
Fugitive from justice,	1	0	1
Gambling on Lord's Day,	30	0	30
Gambling, being present at,	7	0	7
Gambling implements, having possession,	1	0	1
Habitual absentee,	1	3	4
Harbouring school children,	1	0	1
Hunting deer without license,	1	0	1
Insane,	5	2	7
Interfering with officer,	2	0	2
Idle and disorderly,	0	4	4
Keeping child from school,	0	1	1
Larceny,	32	1	33
Lewd and lascivious persons,	3	3	6
Lewd and lascivious cohabitation,	3	3	6
Malicious mischief,	3	0	3
Non-support of wife and children,	12	0	12
Non-support of children,	3	0	3
Obscene pictures, in possession,	1	1	2
Peddling without license,	3	0	3

Riding bicycle on sidewalk,	1	0	1
Rape, intent to,	1	0	1
Runaway,	1	0	1
Receiving stolen goods,	2	1	3
Refusing to stop for officer,	1	0	1
Setting fire without permit,	1	0	1
Stubborn child,	2	0	2
Short lobsters, in possession,	1	0	1
Surrendered by bondsmen,	1	0	1
Threat to shoot,	1	0	1
Threatening language,	1	0	1
Trespass,	1	0	1
Truancy,	1	2	3
Violating liquor laws,	13	1	14
Violating town by-laws,	11	0	11
Violating motor vehicle laws,	13	1	14
Violating Board of Health laws,	5	0	5
Wayward child,	1	1	2
	<hr/> 378	<hr/> 34	<hr/> 412

Children strayed and returned to their homes by the police,	4
Stray teams found and put up,	3
Doors found open and locked by night officers,	145
Night's lodging given to,	4

I recommend an appropriation of \$8,500.00 for the year 1916.

In conclusion, I would suggest that a special appropriation be made, in a sum equal to the price of a Ford automobile. Such an investment would be a most valuable addition in promoting the efficiency of the Police Department.

Respectfully submitted,

JOHN ARMSTRONG,

*Chief of Police.*

## REPORT OF CEMETERY COMMISSIONERS

FOR THE YEAR ENDING DECEMBER 31st, 1915.

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### OAK GROVE AND VINE HILLS CEMETERIES.

We respectfully submit our report and recommendations as follows:—

Appropriation,	\$5,000 00	
Income from Funds for care,	576 74	
From Wm. H. Nelson Fund for general expenses,	18 40	
	<hr/>	\$5,595 14

### *Expenditures*

Superintendent's salary,	\$663 25	
Labor and material for general repairs,		
burials, care and building of lots,	4,505 86	
Telephone,	19 50	
Tools and repairs,	88 16	
Stationery, printing and clerical services,	124 39	
Grave markers,	39 92	
Liability insurance,	56 00	
Shrubs and plants,	63 75	
Miscellaneous,	31 89	
	<hr/>	\$5,592 72
Unexpended,	2 42	
	<hr/>	\$5,595 14

*Receipts*

Sale of lots,	\$511 85	
Burials,	415 20	
Care and making of lots,	1,967 98	
Foundations,	372 02	
Wm. H. Nelson Fund for general expenses, 18 40		
	<hr/>	\$3,285 45

We recommend that the sum of \$5,000.00 be appropriated for the year 1916.

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SPECIAL APPROPRIATION FOR REPAIR OF ROADS IN  
OAK GROVE AND VINE HILLS CEMETERIES.

Amount unexpended, 1913,	\$2 76
Labor and material,	\$2 76

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BURIAL HILL.

Appropriation,	\$1,000 00	
From Funds for care of lots,	40 75	
From Warren Fund: applied to care of		
Warren lot and planting of shrubs,	55 00	
	<hr/>	\$1,095 75

*Expenditures*

General care,	\$609 20
Burials,	10 97
Care and making of lots,	54 86
Superintendent's salary,	111 75
Police,	64 80

Tools and repairs,	7 25	
Preservation of stones,	149 98	
Shrubs and planting—Warren Fund,	84 02	
	<hr/>	
	\$1,092 83	
Unexpended,	2 92	
	<hr/>	\$1,095 75

*Receipts*

Care and building of lots,	\$81 69	
Burials,	8 76	
Foundations,	7 78	
Warren Fund—for shrubs,	55 00	
	<hr/>	\$133 23

We recommend that the sum of \$1,000.00 be appropriated for the year 1916.

During the past year, we have had fifteen stones encased in copper to preserve them.

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SPECIAL APPROPRIATION FOR BUILDING ON BURIAL  
HILL.

Appropriation,	\$860 00
Contract for building, plans and specifications,	\$860 00

We have taken down the old hearse house and erected a new building as authorized by vote of the town.

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SPECIAL APPROPRIATION FOR LAYING OF WATER  
PIPE IN OAK GROVE AND VINE HILLS.

Appropriation,	\$300 00	
Amount unexpended 1914,	2 49	
	<hr/>	\$302 49



Pipe laying,	\$240 88	
Trench covering,	55 20	
	<hr/>	
	\$296 08	
Unexpended,	6 41	
	<hr/>	\$302 49

During the past year we have laid  
 595 feet 1½ in. galvanized iron pipe.  
 229 feet 2 in. galvanized iron pipe.  
 153 feet 3-4 in. galvanized iron pipe.

Took up and relaid elsewhere  
 143 feet 3-4 in. galvanized iron pipe.

The 153 feet 3-4 inch pipe was all used in making faucet connections.

We recommend a special appropriation of \$200.00.

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## CHILTONVILLE, MANOMET, CEDARVILLE AND SOUTH PONDS CEMETERIES.

Appropriation,	\$150 00	
From Funds for care of lots,	19 00	
From Reserve Fund,	3 29	
	<hr/>	\$172 29

### *Expenditures*

Chiltonville Cemetery, general repairs,	\$92 14	
Manomet Cemetery, general repairs,	32 24	
Cedarville Cemetery, general repairs,	6 60	
South Ponds Cemetery, general repairs,	8 70	
South Ponds Cemetery, special construction		
on gates of iron fence,	32 61	
	<hr/>	\$172 29

*Receipts*

Sale of lots, Chiltonville,	\$21 84	
Care of lots, Chiltonville,	9 00	
Sale of lots, Manomet,	16 08	
Care of lots, Manomet,	10 00	
Sale of lots, Cedarville,	15 00	
		<hr/>
		\$71 92

We recommend that \$150.00 be appropriated for the year 1916.

It is necessary that more land be procured to enlarge Manomet Cemetery. For this purpose and partially enclosing and clearing up the same, the Commissioners recommend a special appropriation of \$475.00,—the estimated cost of land,—\$175.00, partially enclosing and clearing up—\$300.00.

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SPECIAL APPROPRIATION FOR FENCE AT SOUTH  
PONDS CEMETERY.

Appropriation,	\$350 00
Material and labor,	350 00

As authorized by vote of the town, we have enclosed South Ponds Cemetery with a substantial two-rail galvanized steel pipe fence.

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APPROPRIATION FOR REVOLUTIONARY MARKERS.

Unexpended from 1914,	\$62 15
Unexpended,	\$62 15

The Town Accountant in his report gives the entire list of funds for perpetual care, the increase for the year being twelve, amounting to \$1,800.00.

The steady increase in the number of Funds established for Perpetual Care is very gratifying to the Commissioners as it insures the well kept appearance of lots for all time.

The provision is made in some of the Funds that the **income** above that necessary for the care of the particular lot may be applied to the general expenses of the Cemetery or to the care of lots neglected through the indigence or absence of friends. This is a distinct financial help to the town and also furnishes the means of preventing some lots from becoming an eyesore, and should receive the consideration of all interested in the Cemeteries.

GEORGE MABBETT,

HENRY W. BARNES,

HORACE M. SAUNDERS,

*Board of Cemetery Commissioners.*

## REPORT OF OVERSEERS OF THE POOR.

FOR THE YEAR ENDING DECEMBER 31, 1915

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The total money appropriated by the town for the support of its poor was \$16,539.67, not including the appropriation for mothers with dependent children. We have expended \$16,535.82, deducting from this our reimbursements of \$2,916.62, leaving the net cost for the support of paupers during the year \$13,619.20. The annual net cost for the three preceding years has been under \$10,000.00, therefore it will readily be seen that we have had more than the usual poor business to handle, which is also shown in the large number of persons aided, 416, 42 of whom were aided in some other city or town at the expense of the town of Plymouth. A study of the appended figures, which are furnished by the Town Accountant according to the schedule demanded by the State, will show for what the money was spent.

At the almshouse certain improvements have been made in the land which was purchased from the Bradford estate such as the cutting of the bushes on the hillside and the pulling of the roots and stumps from the land at the foot of the hill, thus allowing more land for cultivation. About 50 bushels of potatoes were raised there the past summer. Somewhat nearer the house is a very steep hillside which had been badly eroded by the wash of water from the lot lying further up, and in the rear of the houses on the westerly side of Mayflower Street, this has been filled and dyked by Superintendent Dickson, which not only removes an ugly blot from the surroundings but will prevent further damage to the upper lot. A cement walk has

been laid down the slope from Robinson Street to the side door of the house, and a cement enclosure was built in the rear of the cow barn for the stable refuse. In the house itself repairs have been confined to those necessary to keep the place in its usual good repair.

The largest number of inmates during the year has been 23: by the discharge of 10 of this number we have but 13 remaining on Jan. 1, 1916. Of this 13, 12 are men, with one woman.

We recommend an appropriation of \$15,000.00 for the use of this department for the coming year for the support of paupers.

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#### MOTHERS WITH DEPENDENT CHILDREN.

Of aid under the above heading under the provisions of Chapter 763, Acts of 1913, we have assisted 13 families, two of which have been discontinued for the reason that aid was no longer necessary, leaving present aid to 11 families with 31 children under 14 years of age, and six other children above 14. With the exception of one case, which has no settlement in the Commonwealth, all belong to Plymouth, which means that in those cases where the settlement is in Plymouth the State pays but one-third of the bills.

Aid under this chapter is not a pension as so many seem to think, but is aid granted only where the necessities of the case and the qualifications of the law concurrently meet, a result that we have tried to obtain in each case.

We have expended \$2,899.00 of our \$3,000.00 appropriation and have received money from the Commonwealth amounting to \$322.25, this making the net cost to the town of \$2,576.75.

We recommend an appropriation of \$5,000.00 for the year 1916.

POOR DEPARTMENT.

*Receipts credited to Estimated Receipts.*

Almshouse—		
Board,	\$181.00	
Miscellaneous,	1.00	
	<hr/>	
Total Almshouse,		\$182.00
Reimbursements—		
Individuals,	\$141.48	
Cities and Towns,	1,125.66	
State,	1,467.48	
	<hr/>	
Total Reimbursements,		\$2,734.62
Total Receipts,		\$2,916.62
Appropriation March 27, 1915,	\$13,000.00	
Appropriation March 27, 1915, for 1914 Bills,	939.60	
Appropriation October 23, 1915,	2,500.00	
Income from Murdock Fund,	18.47	
Income from LeBaron Fund,	61.40	
Income from Holmes Fund,	20.20	
	<hr/>	
Total Appropriations,		\$16,539.67
<i>Payments—</i>		
General Administration—		
Salary of Chairman of Overseers,	\$50.00	
Salary of Secretary,	250.00	
Printing, Stationery, etc.,	3.03	
All Other,	79.12	
	<hr/>	
Total General Administration,		\$382.15
Almshouse—		
Salary of Superintendent,	\$599.56	
Other Salaries and Wages,	1,190.98	
Groceries and Provisions,	2,083.27	



Dry Goods and Clothing,	353.29
Building,	234.87
Fuel and Light,	816.10
Equipment,	57.29
Hay and Grain,	276.05
All Other,	499.36

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Total Almshouse,	\$6,110.77
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Outside Relief by Town—

Cash,	\$1,202.27
Rent,	1,427.90
Groceries and Provisions,	4,413.25
Coal and Wood,	622.73
Board and Care,	1.80
Medicines and Medical Attendance,	392.50
Burials,	113.00
State Institutions,	196.57
Other Institutions,	314.32
All Other,	170.55

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Total Outside Relief by Town,	\$8,854.89
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Relief by Other Cities and Towns—

Cities,	\$640.50
Towns,	547.51

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Total Other Cities and Towns,	\$1,188.01
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Total Payments,	\$16,535.82
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Balance to Excess and Deficiency,	\$3.85
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AID TO MOTHERS WITH DEPENDENT CHILDREN.

*Receipts credited to Estimated Receipts.*

Reimbursements from State,	\$322.35	
Appropriation,		\$3,000.00

*Payments—*

General Administration, printing,	\$1.20	
Cash,	2,670.00	
Rent,	48.00	
Groceries and Provisions,	60.00	
Coal and Wood,	51.30	
Dry Goods and Clothing,	4.50	
Medical Attendance,	64.00	
	<hr/>	
Total Payments,		\$2,899.00
		<hr/>
Balance to Excess and Deficiency,		\$101.00

CHAS. A. STRONG,  
WILLIAM T. ELDRIDGE,  
HERBERT W. BARTLETT,  
Overseers of Poor, Plymouth, Mass.

## ASSESSORS' REPORT

FOR THE YEAR ENDING DECEMBER 31, 1915.

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Assessed real,	\$10,542,000 00	
Assessed personal,	3,797,565 00	
	<hr/>	\$14,339,565 00
Exempted, Soldiers, Clause 14, R. L.,	\$58,975 00	
Exempted, Clause 9 and 10, R. L.,	49,125 00	
	<hr/>	\$108,100 00
Available for taxation,		\$14,231,465 00
Buildings, excluding land,		7,002,275 00
Land, excluding buildings,		3,431,725 00
Personal, excluding bank stock,		3,575,375 00
Resident bank stock,		222,090 00
Buildings exempted, soldiers,		49,300 00
Land exempted, soldiers,		9,575 00
Personal exempted, soldiers,		100 00
Buildings exempted, Clause 9 and 10, R. L.,		33,900 00
Land exempted, Clause 9 and 10, R. L.,		15,225 00
Rate, \$18.00 on \$1,000.00.		
Gain on real,	\$348,000 00	
Gain on personal,	29,505 00	
	<hr/>	\$377,505 00
Tax on real,		\$187,812 00
Tax on personal,		68,354 37
Tax on polls, 3,480,		6,960 00
		<hr/>
		\$263,126 37

Town tax,	\$211,940 26	
State,	28,275 00	
State Highway,	1,175 58	
County,	16,255 23	
Overlay,	5,480 30	
	<hr/>	\$263,126 37
Non-Resident Bank tax,		4,426 38
Moth,		131 57
Excise St. Ry's.,		599 43
		<hr/>
Warrant to Collector,		\$268,283 75

*Additional*

Dec. 20. Personal,	\$68,150 00
Tax on additional,	1,226 70
Tax on 17 polls,	34 00
	<hr/>
Warrant to Collector,	\$1,260 70

*Property Exempted from Taxation*

Charitable, benevolent, scientific,	\$620,566 00
Houses of religious worship,	266,050 00
Town of Plymouth,	945,455 00
Plymouth County,	334,575 00
Commonwealth of Massachusetts,	30,100 00
United States,	90,000 00

*Table of Aggregates*

Individuals assessed on property,	1,800
All others assessed on property,	630
Individuals, non-residents, assessed on property,	755
All others, non-residents, assessed on property,	160
Persons assessed on property,	3,345
Persons assessed, polls only,	2,437
Persons assessed on poll and property,	5,782
Male Polls assessed,	3,497
Persons exempt, soldiers, on poll and property,	36

Soldiers exempt, poll only,	18
Persons exempt, Clause 9 and 10, poll and property,	16
Persons exempt, Clause 9 and 10, poll only,	20
Horses,	623
Cows,	431
Neat cattle,	15
Sheep,	60
Swine,	30
Fowl,	4,100
Dwelling houses,	3,221
Acres of land,	50,269

*Abatement Account.*

1913. Levy.		
1914, Dec. 31. Undrawn balance,	\$3,229	33
1915. Added,		90
	<hr/>	
	\$3,230	23
1915. Abatements,	2,401	62
	<hr/>	
Carried to reserve fund,	\$828	61
1915. Moth,	\$4	65
1914. Levy.		
1914, Dec. 31. Undrawn balance,	\$2,222	93
1915. Abatements,	299	00
	<hr/>	
	\$1,923	93
1915. Levy. Overlay,	\$5,480	30
Abatements,	656	40
	<hr/>	
	\$4,823	90

*Reserve Fund*

1914, Dec. 31. Undrawn balance,	\$2,580	77
1915. Voted to apply to tax levy of 1915,	2,500	00
	<hr/>	
	\$80	77
1915, Dec. 20. Additional,	\$1,260	70
1915, Dec. 31. Balance of levy of 1913,	828	61
	<hr/>	
	\$2,170	08

We recommend an appropriation for services and expenses of Assessors the sum of \$3,000.00 for the year 1916. Also an additional sum of \$1,000.00 to continue the survey and plan of the Town. Also the sum of \$2,100.00 of the reserve fund to be applied to reduce the tax levy for the year 1916.

JAMES C. BATES,

GEO. HARLOW,

NATHANIEL G. LANMAN,

*Assessors of Plymouth*



## BOARD OF HEALTH

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To The Honorable Board of Selectmen:—

The Board of Health in accordance with custom and law respectfully submits the following report for the year ending December 31, 1915.

### *Organization.*

There has been no change during the past year in the organization of the Board or of its appointed officers, Dr. George H. Jackson serving as its Chairman, Freeman Manter as its Inspector and Harry R. Talbot as its Secretary. Dr. Frederick H. Bradley was re-appointed inspector of meats and provisions, and Michael D. Welsh and Arthur A. Sampson were re-appointed inspectors of plumbing.

The Board holds regular meetings on the second and fourth Fridays of each month for the approval of bills and general business, and special sessions whenever the circumstances require it, as is frequently the case.

### *Inspector's Report.*

The Inspector reports that he has quarantined all cases which he has been required to do by law and has fumigated the following cases:—

Scarlet fever,	13
Diphtheria,	22
Tuberculosis,	14
Measles,	1
Typhoid Fever,	2

He also reports that he has boarded and ascertained the sanitary conditions of eighteen ships from foreign ports and issued the regular bill of health before allowing them to dock and has investigated some one hundred and fifty complaints and caused action thereon to be taken satisfactory as he believes to the Board.

### *Contagious Disease.*

There has been a total of one hundred and fifty-eight cases of contagious disease, as compared with eighty-nine of the year of 1914.

The following tabulation taken from the record of cases as reported by the local physicians, will serve to give an adequate idea of the contagious disease prevalent during each of the past twelve months.

	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Diphtheria,	0	2	0	3	2	1	1	0	0	3	3	7
Scarlet Fever,	0	4	1	1	0	0	0	1	0	0	2	4
Tuberculosis,	1	4	3	5	4	0	1	0	1	1	0	0
Typhoid,	0	0	0	2	1	0	0	4	2	2	2	3
Opthalmia,	0	1	0	0	1	0	0	0	0	0	0	0
Measles,	0	0	0	2	1	0	0	0	1	1	15	48
Parotitis,	0	0	1	3	1	0	0	0	0	0	0	0
Trachoma,	0	0	0	1	2	0	0	0	0	2	1	0
Varicella,	4	2	0	0	0	0	0	0	0	0	0	0
Total,	5	13	5	17	12	1	2	5	4	9	23	62

Total, 158 cases.

Twenty-nine cases have been reported as indigent. In thirteen cases of tuberculosis, eight of diphtheria, four of scarlet fever, two of opthalmia, and one each of typhoid and trachoma, the Board has been called on, and furnished whatever aid was necessary for the well being of the patient. In all cases wherever a

settlement could be determined, either in the Commonwealth, or in cities or towns in the Commonwealth, reimbursement has been demanded from its proper course.

*Dispensary for the Treatment of Tuberculosis.*

On the first of July the Board was compelled to provide a suitable dispensary for the free treatment of Tuberculosis. This unforeseen demand on the part of the Commonwealth was one cause of the overdraft during the past year.

Statute 1911, Chapter 576 (as amended by Statute 1914, Chapter 408) provides that "Every city and every town containing a population of 10,000 or more, as determined by the latest U. S. census, shall establish and maintain within its limits a dispensary for the discovering, treatment and supervision of needy persons resident within its limits and afflicted with tuberculosis, unless there already exists in such city or town a dispensary which is satisfactory to the state board (department) of health. The said dispensaries shall be subject to the regulations of the boards of health of the cities or towns in which they are respectively situated, and shall be inspected by and shall be satisfactory to the State board (department) of health."

A city or town subject to the provisions of this act which, upon the request of the state board (department) of health refuses to comply with the provisions hereof, shall forfeit not more than \$500 for every such refusal or neglect.

The Commonwealth further demands that "The dispensary shall have at least two outside rooms:

(a). Anteroom or waiting room. (This may be used in common with other dispensary departments.)

(b). Examining room. (This room must be reasonably quiet.)

The rooms of the dispensary shall be well lighted during the day without the aid of artificial light, shall be heated comfortably in cold weather, and shall be kept in a clean and sanitary condition at all times.

Equipment:—

Each dispensary shall be furnished with:—

- a. A pair of accurate scales.
- b. A desk or filing cabinet for records.
- c. Record blanks.
- d. Examining stools and couch or table.
- e. Clinical thermometers.
- f. Running water and adequate toilet facilities.
- g. Facilities for receiving and transmitting to a laboratory sputum specimens and a supply of sputum containers for distribution.
- h. Accessories such as:
  - Paper napkins, sputum cups, etc.,
  - Leaflets of direction and advise.
  - Diet lists, etc.

All equipment shall be kept in a clean and satisfactory condition at all times.

Service:—

All tuberculosis dispensaries shall be open for at least one hour on one day, and on one evening per week. Days and hours shall be determined by the local authorities as seems best to fit local needs.

Staff:—

Each dispensary shall have appointed at least one physician and one nurse, both of whom shall be in constant, regular attendance. The qualifications and training of the physician so appointed must be approved by the state department of health.

Location:—

The location shall be reasonably accessible for the citizens who most need the services of a dispensary."

Two rooms situated in the Bradford Building and formerly used by the Government as a Custom House were leased by the Board for a period of one year.

The necessary equipment was provided and upon approval of the State Board of Health this place was opened as a dispensary about the first of August last year.

### *Contagious Cases in General.*

In November a ward for the reception of contagious cases was opened in connection with the Jordan Hospital and since that time the Board has required all indigent cases to be sent there for treatment.

There is no doubt as to the value of this institution to the Town and any reasonable charge the hospital thinks wise to exact for the care of contagious cases, is cheaper, than to care for a whole family as was done under the old system.

### *Quarantine.*

In all cases of the more highly contagious diseases quarantine has been enforced as in the past.

On receipt of notice from the attending physician thorough disinfection has been done and after a period of a few days all restraint has been removed. At no time has a second infection occurred, and the work for the past year has in all ways been satisfactory to the Board.

The regular biological products of the State laboratories have been furnished the local physicians and to the Hospital whenever demanded.

### *Milk Production and Sale.*

Attention is again called to the law requiring all producers of milk to obtain a permit from the Board of Health before sale and delivery for sale. The Board would request that all purchasers of milk see that the party from whom they are purchasing have the required license, and if not, call the attention of the Board to the fact.

The Board believes that the recent milk legislation requiring inspection by the Board of the place in which, and circumstances under which such milk is produced is bound to result beneficially to the consuming public.

In accordance with the provisions of the law the Board after personal inspection granted fifty-four licenses and refused six.



In addition to the work of the local Board the State has caused a general inspection of many of the dairies in this vicinity, and rated them on a percentage basis thus affording the producer a scientific and detailed account of the good and bad conditions under which his milk is produced so that he may know what steps to take in order to improve conditions.

The Board is of the opinion that the time has come for the appointment of a regular milk inspector serving with pay, who should be a chemist and able to make such tests as from time to time might be required, and in its request for an appropriation for the current year has included a small allowance for the same, in order to try out the system which it has in view.

#### *Disposal of Rubbish.*

The general methods followed during the past year have been those employed for the last few years, that is, public dumps have been maintained in charge of a regular caretaker and substantially all the rubbish and waste matter has been burned with results satisfactory both as to the general appearance as well as to the sanitary conditions of the same.

Through the kindness of the Plymouth Cordage Co. a large tract of land has been secured off Standish Avenue for use as a public dump. The Board has installed a fire hydrant and the necessary equipment to prevent fires arising on private property in the event of the burning of waste matter.

#### *Plumbing Inspection.*

The inspectors report that 122 permits were granted, and that they made 113 examinations, and 169 inspections. Of the number of permits granted, 83 were for old houses and 35 for new houses.

#### *Expenses.*

For the past few years the ordinary expenses of the Board have been about \$6,000. During the past year the expenses, in



spite of every effort to keep down the same, have increased substantially. While general conditions would tend to increase the expense ratio, even under ordinary conditions, with the general rise in cost of medicine and supplies furnished, a considerable expense has been put upon the Board by the demand of the State in regard to the maintenance of the Tuberculosis Dispensary which involves an annual outlay of approximately \$1000. The Board believes, however, that this money is well spent, and that it will eventually prove most efficient in the early detection and suppression of Tuberculosis. The Board also recommends that the sum of \$200 be added to its general appropriation to be used for milk inspection work, making the total sum asked for for the ensuing year \$7,200, which apparently is absolutely needed in order to carry forward the work which is confided to its care.

Respectfully submitted,

GEORGE H. JACKSON, M. D.,

HARRY R. TALBOT,

FREEMAN MANTER.

## FIRE DEPARTMENT

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To the Board of Selectmen:—

The Board of Engineers present the following report for the year ending December 31, 1915:—

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### APPARATUS.

The following pieces of apparatus are in commission:—

- Four Steam Fire Engines.
- Two Hose Wagons.
- One Ladder Truck.
- One Combination Ladder and Chemical.
- One Combination Hose and Chemical (Motor).
- One Chemical Engine.
- One Supply Wagon.

Two of the steam fire engines,—one purchased in 1869 and one in 1874—and the ladder truck, also purchased in 1874, are not dependable pieces of fire fighting apparatus on account of their long service, and should, in the opinion of this Board, be supplanted by motor drawn equipment. The other pieces of apparatus are in excellent condition.

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### FIRE ALARM SYSTEM

This important branch of the Department has been brought back into first class order by the employment of the present

permanent electrician, who also performs the duties of a fireman.

During the year the lines have received careful attention, necessary repairs promptly made and one and one-half miles of new lines have been built.

A new Peerless Succession Box has been installed in place of the older pattern at number 39.

A new box, No. 131, has been purchased and will be installed at the corner of Forest Avenue and Spooner Street, as soon as the necessary line material is at hand.

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## ALARMS

The Department has answered one hundred and eight alarms during the year, as listed below:—

Box Alarms, 19:—8 houses, 3 stores, 2 barns, 1 chimney, 2 woods, 1 coal shed, 1 rubbish, 1 tar kettle.

Still alarms, 83:—1 theatre, 8 houses, 5 roofs, 4 stores, 2 barns, 22 chimney, 3 grass, 8 woods, 15 bonfires in street, 2 beds, 1 dump, 2 coal shed, 4 rubbish, 1 bridge, 3 rags, 1 electric car, 1 gas leak.

False alarms, 6.

Calls for pulmotor, 2.

In eight instances the Department received both still and bell alarms for the same fire, and are counted in under proper heading.

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## HOSE

The Department has on hand fifty-five hundred feet of two and one-half inch, double jacket hose, all of which is either new or been tested during the year.

A hose testing and coupling machine has been purchased, and fills a long felt want.

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## HYDRANTS

One old hydrant has been replaced, and two new ones set during the year.

In view of the proposed new water pipes to be laid the coming year, the Board would recommend that the following hydrants be placed as stated below, when these new pipes are laid:—

One on Washington Street.

Two on Franklin Street.

Two on High Street.

Two on Vernon Street.

Three on Davis Street.

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## BUILDINGS

It was necessary to put a new covering of tar and gravel, and repair the roof of the Central Station. The other buildings occupied by the Department have been repaired as occasion required, and they are all in good condition.

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## FINANCIAL

Appropriation,	\$15,000 00
Expenditures;	14,889 06
	<hr/>
Balance unexpended,	\$110 94

### RECOMMENDATIONS

The Board would recommend \$14,500.00 to run the Department for the year nineteen hundred and sixteen; and an additional appropriation of six hundred dollars to install ten hydrants on proposed new water pipes; making a total appropriation of \$15,100.00.

The Board at this time refrains from making any specific recommendations as far as motor apparatus is concerned, in view of the fact that a Special Committee has been appointed by the Town for this purpose.

Respectfully submitted,

ALVIN A. HALL, *Chief,*

JAMES S. KIERSTEAD,

EARL W. GOODING, *Clerk,*

*Board of Engineers.*

## REPORT OF PARK COMMISSIONERS

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During the past year the various parks of the Town have been cared for to the best of our ability, and improvements have been made according to our best judgment which seems to be appreciated by the townspeople and especially by the visitors who make their residences here in the summer time.

In Morton Park new paths have been made and different varieties of trees planted in localities where the old growth was fast dying out.

The forest tent caterpillars and brown tail moths were not so numerous as last year but the gypsy moths were more widely scattered. We have several bad colonies of gypsy moths in Morton Park but with the new power sprayer which we bought last spring and also with the assistance of the Moth Department and their apparatus they were kept from doing any material damage.

We would like to add that our new power sprayer has given the best of satisfaction. During the months of October and November this park which contains more than one hundred acres of woodland was thoroughly searched for the moth eggs and treated in the usual manner with creosote to prevent their hatching in the spring.

We realize that every precaution available must be used to preserve this beautiful place.

At Bates Park, Burton Park and South Street Park no improvements have been made, but the shrubs, trees, etc. have been properly taken care of.

The bathhouses, one at Nelson street and especially the one at Beach Park were very much appreciated the past season although the latter proved to be altogether too small to accommodate the



vast crowd of people who came there to bathe in the summer months; therefore we see the absolute necessity of having the bathhouse enlarged to a great extent before another season and for this addition to the house and also for the construction of a public float at this place your Park Commissioners recommend an appropriation of one thousand dollars, the same to be used for enlarging said bathhouse, construction of a public float, and sanitary improvements connected with said bathhouse.

### *Training Green.*

Everybody makes the remark, especially in the summer time, "how nice the Green looks." But do they stop and consider how much better it would look, how much safer and convenient it would be to the thousands of people who travel across there daily, if those old board walks could be replaced by a nice granolithic walk. This would not only be a great improvement but we are positive it would mean a saving for the Town. In a very short time the present walks will have to be replaced by something, and if boards are used again that will cost at least \$200 besides the expense of taking them up in the spring and putting them back in the fall, and the gravel walk has to be filled and graded more or less each year. Why not put this money into something permanent. Your Park Commissioners recommend an appropriation of one thousand dollars for the construction of granolithic walks on Training Green.

We ask for an appropriation of \$1,500.00 for Parks, \$1,000.00 to be used for additional shelter, public float and sanitary improvements at Beach Park bathhouse; \$1,000.00 for granolithic walks on Training Green, \$250.00 for care of Beach Park bathhouse, \$150.00 for care of Nelson Street bathhouse, \$200.00 for Training Green, and \$200.00 for cleaning up and otherwise improving the Indian Land at Manomet which was placed under our jurisdiction by the town in 1915.

REIMBURSEMENTS. .

Beach Park bathhouse, 1914,		\$160 50
Nelson Street bathhouse, 1914,		33 60
Morton Park, for wood, 1914,		24 00
Appropriation,	\$2,150 00	
Income from Morton Fund,	101 25	
	<hr/>	\$2,251 25

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PAYMENTS.

*Park Department.*

Administration—		
General,		
Salaries and wages,	\$1,184 85	
Teams,	183 82	
All other,	229 02	
Bathing Beaches,	653 56	
	<hr/>	
Total payments,		\$2,251 25

*Training Green.*

Appropriation,		\$200 00
Salaries and wages,	\$158 80	
Teams,	9 40	
All other,	31 79	
	<hr/>	
Total payments,		\$199 99
		<hr/>
Unexpended,		\$0 01

*Power Sprayer.*

Appropriation,	\$200 00	
From reserve,	50 00	
	<hr/>	\$250 00

*Payments.*

Sprayer,	\$250 00
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Respectfully submitted,

BENJ. F. RAYMOND,

JOHN RUSSELL,

*Park Commissioners.*

## GYPSY AND BROWN TAIL MOTH ACCOUNT

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### REPORT OF THE MOTH DEPT. FOR THE YEAR 1915

#### *Dr.*

To appropriation,	\$2,800 00
To reimbursement from Reserve Account,	5 04
	<hr/>
	\$2,805 04

#### *Cr.*

By Supt.,	\$444 00
By labor,	1,028 30
By teams,	644 95
By printing, etc.,	3 50
By insecticides,	521 09
By hardware and tools,	79 07
By telephone,	9 94
By other expenses,	74 19
	<hr/>
	\$2,805 04

Special Appropriation for Sprayer—

#### *Dr.*

To appropriation,	\$250 00
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#### *Cr.*

By sprayer,	\$250 00
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The moth work was carried along on the usual lines with good results up to August 1; then the work had to stop on account of

lack of financial support, and nothing was done until Jan. 1, 1916. Consequently, on the whole, we lost ground. The residential section is looking very good, but in the outlying districts there must be more work during the coming year, especially around the summer colonies and the cranberry districts. Therefore, I respectfully recommend an appropriation of \$5,000.00 for this department for the ensuing year.

ABBOTT A. RAYMOND,

*Superintendent.*

## TREE WARDEN.

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### STATEMENT OF TREE WARDEN'S APPROPRIATION,

1915

Appropriation,	\$1,200 00	
Appropriated from Reserve Account,	11 40	
Total,	<u>          </u>	\$1,211 40

#### Payments.

Salaries and Wages—		
Tree Warden,	\$378 75	
Labor,	430 60	
Total salaries and wages,	<u>          </u>	\$809 35
Other Expenses—		
Teams,	\$200 15	
Hardware and tools,	57 96	
Telephone,	17 76	
Insecticides,	94 53	
All other,	31 52	
Total other expenses,	<u>          </u>	\$401 92
Total payments,		<u>\$1,211 27</u>
Balance remaining,		\$ 13

All shade trees of the town have been well cared for and an improvement made wherever knot holes or cavities existed, by cleaning out all the decayed matter and re-enforcing the same with wire and a cement filling. Many of the older trees having these defects were formerly covered with a sheet metal which



answered the purpose of protection until worn by years of exposure and constant growth of the tree to such an extent that they were beyond further use. These coverings have been removed, cavities cleaned and also given a cement filling. The spraying was done in its season with a result that the usual ravages of the elm tree beetle were scarcely noticeable, no complaints having been brought to my notice concerning them. A large amount of dead wood has been removed and pruning done where necessary. Several trees, both large and small, were removed which were either dead or in such condition as to menace public travel.

Though in accord with the much improved condition of our streets and sidewalks with tarvia and concrete for better traffic, I feel convinced that it is at least one reason other than age, that some of our old trees are showing a gradual tendency to go backward. Such trees will need special attention and care from year to year by removing all the dead limbs and also any of the others that would be a detriment toward prolonging the life of a tree, or wherever there may be the slightest indication of becoming in any way dangerous to the public welfare.

Considering the unusual number of severe storms, accompanied by high winds, some of almost hurricane velocity during the past season, the town trees have suffered very little damage as compared with reports from many other places.

Unless it becomes necessary for the removal of any trees, as is being considered toward the proposed widening of certain highways, I would respectfully recommend an appropriation of \$1,200.00 (as was granted this year) to provide for the ensuing year.

C. S. MIXTER,  
*Tree Warden.*

## REPORT OF FOREST WARDEN

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Plymouth, Mass., Jan. 1, 1916.

To the Honorable Board of Selectmen:—

I submit the following report for 1915:

Forty fires were reported during the past year. The first one occurred Feb. 26; the last one Oct. 23. None of them covered a very large area. The largest was May 28, estimated 150 acres. A new engine has been installed in the motor truck and the wagons have been repainted and put in thorough repair. Twelve old extinguishers have been replaced with 12 new ones and 12 other new ones have been added. The department now has four wagons, one motor truck and 75 extinguishers. All are ready for immediate use if needed. The expense of this department is subject to a great variation and cannot be estimated. The total expenditures for 1915 were \$2,042.52, leaving a balance on hand of \$517.48. I recommend an appropriation of \$2,500.00 for this department for 1916.

Respectfully,

IRA C. WARD,

*Forest Warden.*

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List of 1915 Deputy Forest Wardens: F. L. St. George, N. T. Clark, L. B. R. Barker, D. E. Raymond, W. F. Doten, A. A. Raymond, George H. Pierce, John F. Raymond, John W. Churchill, Barnabas Hedge, E. P. Bartlett, James W. Hazen, Walter H. Brown, Joseph L. Manter, James H. Nixon, Fred L. Sears, B. F. Raymond, W. S. Bumpus, Aaron Sampson, Seth C. C. Finney, George W. Douglass, Henry Ware.

## SEALER OF WEIGHTS AND MEASURES

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To the Honorable Board of Selectmen:—

Gentlemen: In compliance with the public statutes, I herewith submit my report for 1915 as Sealer of Weights and Measures:

*Property of the Town in the Department when I took the office,*

*May 15, 1915.*

One brass beam scale and cabinet.

One each 50-lb., 25-lb., 20-lb., 10-lb., 5-lb. weights, nickel.

One each 4-lb., 2-lb., 1-lb., 8-oz., 4-oz., 1-oz.,  $\frac{1}{2}$ -oz.,  $\frac{1}{4}$ -oz., 1-16-oz., brass.

Dry measures,  $\frac{1}{2}$  bushel, 1 peck,  $\frac{1}{2}$  peck, 2 quarts, 1 quart, iron.

Liquid measures, 1 gallon,  $\frac{1}{2}$  gallon, 1 quart, 1 pint, 1 gill, iron.

Linear measures, one steel tape, one yard measure, brass.

### Working Set.

Nineteen 50-lb. weights, iron; 4-lb., 2-lb., 1-lb., 8-oz., 4-oz., 2-oz., 1-oz.,  $\frac{1}{2}$ -oz.,  $\frac{1}{4}$ -oz., 1-8-oz., 1-16-oz., brass.

Since I took the office I had to get one 25-lb., one 10-lb., one 5-lb. weight.

Dry measures,  $\frac{1}{2}$  bushel, 1 peck,  $\frac{1}{2}$  peck, 2 quarts.

Liquid measures,  $\frac{1}{2}$  gallon, 1 quart, 1 pint, 1 gill, brass; 1 gallon, 2 quarts, tin. I have also put in one 5 gallon, one 3 gallon, one 2 gallon, one 1 gallon, one 2 quarts, one 1 quart, one pint, one  $\frac{1}{2}$  pint.

One portable balance with case.

One hanger weight, nickel.

One sealer's case with tools.

One hand press seal.

One sealing clamp.

Wire and paper seals, rubber stamp, marking acid, record book, steel alphabet dies and numbers, safe.

*Scales, Etc., Tested.*

	Sealed	Adjusted	Condemned
Scales over 5,000,	15	2	
Scales under 5,000,	53	17	1
All other scales,	171	15	7
Computing scales,	33	3	2
Prescription scales,	7		
Automatic weighing scales,	7	2	
Slot weighing scales,	7		
Apothecaries' scales,	4		
Weights,	323	48	3
Steel yards,			7
Milk jars,	1,824		
Berry basket,	90		
Cranberry crates,	310		
Cranberry barrels,	36,000		900
	<hr/> 38,844	<hr/> 87	<hr/> 920

Funds collected and turned into Treasurer, \$47.22. The licensing of hawkers and peddlers has been transferred from the Secretary of the Commonwealth to Commissioner of Weights and Measures. All licenses must be signed by the Sealer of Weights and Measures. I recommend an appropriation of \$800.

F. L. ST. GEORGE,

*Sealer of Weights and Measures.*

## PLYMOUTH PUBLIC LIBRARY

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### REPORT OF THE DIRECTORS

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The Directors of the Library respectively submit the following report of the work of the Library during the past year and of its present condition.

Bound volumes added for circulation in 1915,	360
Bound volumes added for reference in 1915,	26
	<hr/>
	386
Total circulation during 1915,	26,175

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### PERIODICALS.

American Forestry  
American Journal of Archæology (Gift of Dr. Helen Morton)  
Atlantic Monthly  
Bird Lore  
Bookman  
Book Review Digest  
Century  
Country Life in America  
Craftsman  
Etude  
Fibre and Fabric  
Good Housekeeping

Harper's Monthly  
Indian's Friend (Gift of Dr. Helen Morton)  
Library Journal  
Literary Digest  
Littell's Living Age  
Musician  
Nation  
National Geographic  
New England  
North American Review  
Old Colony Memorial (Gift of Publishers)  
Our Dumb Animals  
Outing  
Outlook  
Popular Mechanics  
Popular Science Monthly  
Public Libraries  
Publisher's Weekly  
Review of Reviews  
Saint Nicholas  
School Arts  
Scientific American  
Scientific American supplement  
Scribner's  
Woman's Journal  
Youth's Companion  
Boston Transcript  
New York Times  
New York Tribune

Religious Weeklies presented to the Library—

America  
Christian Register  
Church Militant  
Congregationalist



Union Signal  
Christian Science Monitor  
Watchman  
Zion's Herald

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The past year has been the saddest and the most eventful in the history of the Library, for in the early summer Miss Nellie Thomas, who had been the conscientious and faithful Librarian for about a quarter of a century, was stricken down with pneumonia, and in the Fall, Miss Stevens, who had been a faithful assistant Librarian for a number of years, fell a victim to disease of the heart.

The Directors spent a great deal of time and trouble in their efforts to secure a fully trained Librarian and finally succeeded in securing the services of Mrs. Flora E. Whyte, a graduate of McGill University, Montreal, a graduate of the Library Staff of that University and a Librarian for a number of years at Calgary and Victoria, B. C.

As there had not been a general overhauling of the Library since 1880, and the books had accumulated to an extent of almost congestion on the shelves, it was deemed advisable to thoroughly reorganize the Library, and that work is now being done in the most thorough manner. Every book in both the Reference Department and the Circulating Department is being carefully examined.

As a result hundreds of the books were found to be so utterly worn out that they can not be rebound, and must be discarded—about one thousand others are now being rebound, and thousands of others are being repaired, cleansed, and put into proper condition for the shelves. This will explain why it is impossible in this Report to give the number of volumes in the Library at the present time.

As many patrons of the Library had died or moved away since the last Registration, made several years ago, a new and complete

Registration is now being made which will make an exact record possible of the books of the Library after their delivery.

Two new book stacks have been placed in the Library—the open shelves have been newly arranged and made more accessible to the public—one book of fiction and two books of non-fiction can now be taken out on one card—new and improved electric lights have been placed before the book shelves and the catalogue case in the reading room—the reading room is now open to the public on Sundays from two until six o'clock p. m., and the children have the use of the southerly end of the reading room with the adjoining shelves for their books.

The children's books were found to be almost utterly worn out and only a few were worthy of being placed on the shelves, but, thanks to the generosity of Miss Caroline B. Warren and Miss Mary Pratt, who generously made a donation for this purpose of \$50.00 each, new books were obtained and are now being placed on the shelves.

The Book Club has generously donated sixty-five volumes of good books to the Library during the year.

The Directors respectfully request the co-operation of the citizens of the town with the work of the Librarian in her effort to make a new and perfect Registration, and to cheerfully give her and the assistants all the information desired which is necessary to make such Registration full and complete.

The Librarian thoroughly believes in the importance of the work with the children, and as the Children's Department is sadly deficient in the number of books and the Reference Department is also deficient in many standard books which should be in the Reference Department of every good Library, the Directors are asking this year, for the first time in the history of the Library, for a special appropriation from the town to remedy these two defects, and respectfully ask the citizens to give a favorable consideration to this request.

WILLIAM HEDGE, *President*,

For the Directors.

## REPORT OF INSPECTOR OF ANIMALS

---

During the past year we suffered in this State from the disease known as foot-mouth disease of cattle, and we did not have any in our town. The State was quarantined so that cattle could not be moved either into the State or out of it.

At one period of the outbreak, cattle were not allowed to be moved at all, then after a time they were allowed to be moved only on a permit from a local inspector.

Owing to this epidemic the yearly inspection of cattle was not completed.

In January, 1915, one cow was condemned as suffering from tuberculosis. In August, 1915, one cow was condemned as suffering from tuberculosis. In September, 1915, another cow was killed, suffering from tuberculosis.

FREDERICK H. BRADLEY,

*Inspector of Animals.*

## REPORT OF INSPECTOR OF SLAUGHTERING.

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During the past year the following number of animals have been slaughtered:

	Pigs	Calves	Cattle	Sheep
January, 1915,	85	14	17	
February,	36	8	10	
March,	27	11	10	
April,	36	10	8	
May,	16	9	2	
June,	14	16	6	1
July,	2	15	2	1
August,	4	4	5	2
September,	17	4	5	
October,	65	10	7	
November,	91	10	3	3
December,	118	6	8	4
Totals,	<hr/> 511	<hr/> 117	<hr/> 83	<hr/> 11

During the year two pigs and one head of cattle were condemned as suffering from tuberculosis, also two calves were condemned for being too small.

FREDERICK H. BRADLEY,

## REPORT OF FISH COMMITTEE

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### REPORT OF THE AGAWAM AND HALFWAY POND HERRING COMMITTEE

---

To the Honorable Board of Selectmen:—

We herewith submit the following report:

The stream has yielded a good catch of fish and we are of the opinion that the fisheries are in a more prosperous condition than ever before to Plymouth and Wareham.

Respectfully submitted,

ALFRED HOLMES,

FRANK HARLOW,

ARTHUR L. MORSE.

## REPORT OF SUPERVISOR OF SHORES

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To the Honorable Board of Selectmen of the Town of  
Plymouth:—

I herewith submit the following report:

The clam industry has been very good the past year, but at the present time there seems to be quite a lot dying from some cause, not known to the local diggers, but we have a good stock on the shores. Of clams that came in in 1914, the last season, the set did not come up to the year before, owing partly to the dredging, which caused the mud to settle on the shores and flats. I estimate the number of buckets of clams dug in the harbor the past year to exceed 20,000 buckets.

Respectfully submitted,

ALFRED HOLMES,

*Supervisor of Shores and Flats.*



## HARBOR MASTER'S REPORT

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To the Honorable Board of Selectmen:—

The work of dredging in the harbor is completed and we have a depth of water and good anchorage basin to accommodate quite a fleet of small vessels or yachts that will not interfere with the navigation in the main thoroughfare which has a depth of 18 feet at low water.

Respectfully submitted,

ALFRED HOLMES,

*Harbor Master.*

## SPECIAL REPORT ON FIRE DEPARTMENT

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### REPORT OF THE SPECIAL COMMITTEE ON FIRE DEPARTMENT.

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To the Citizens of Plymouth:—

The Committee appointed by the Moderator at the Town Meeting in March, 1915, under the following motion:—

Voted: "That the subject matter of this article (Art. 27 Town Warrant of March, 1915), be referred to a committee of five to be appointed by the Moderator, who shall make a comprehensive report as to the present and future needs of the Fire Department and report at a subsequent meeting of the town."

organized with Robert C. Harlow as Chairman and Henry Walton as Secretary.

Under the above motion the Committee considered that its duty was to investigate in a thorough manner the present fire department organization and apparatus, and to recommend such new organization and apparatus as would provide Plymouth with an efficient, up-to-date Fire Department.

To enable the Committee to better discuss the present fire department equipment, the Committee prepared a list of the apparatus at present in service, made a personal inspection accompanied by the Board of Engineers, and found as follows:—

LOCATED AT CENTRAL ENGINE HOUSE.

*Combination Hose and Chemical—Motor Driven. Pope Hartford.*

Q. Date purchased? A. September, 1913.

Q. Cost price? A. \$6,000.00.

Q. Capacity or equipment? A. 1000 feet hose, two 50-gal-  
lon tanks, 250 feet hose for chemical.

Q. Present condition? A. First class.

Q. Amount paid for repairs during last ten years? A.  
\$37.50.

The Committee feels that this is a good piece of apparatus,  
and that the Town should keep it in commission.

*Ladder No. 2—Horse drawn. No name.*

Q. Date purchased? A. 1874.

Q. Capacity or equipment? A. Ladders, etc.

Q. Present condition? A. Good for type. Very old.

Q. Possible radius of action? A. Centennial to South  
street.

Q. Cost price? A. \$600.00.

Q. Amount paid for repairs in last 10 years? A. \$272.21.

This is a very old, unhandy piece of apparatus, and it is the  
opinion of the Committee that it should be replaced by a motor-  
driven ladder truck.

*H. P. Bailey Hose No. 1—Horse drawn. Make—International  
Fire Engine Company.*

Q. Date purchased? A. About 1900.

Q. Capacity or equipment? A. 1000 feet hose.

Q. Present condition? A. Good for type.

Q. Possible radius of action? A. Anywhere in town.

Q. Cost price? A. \$500.00.

Q. Amount paid for repairs in last 10 years? A. No  
records.

This should be disposed of.

*Engine No. 2—Horse drawn. Make—Manchester Locomotive Works.*

- Q. Date purchased? A. June 12, 1893.  
Q. Cost price? A. \$3,300.00.  
Q. Capacity or equipment? A. 400 gallons per minute.  
Q. Present condition? A. Good.  
Q. Possible radius of action? A. Anywhere in town.  
Q. Amount paid for repairs during the last 10 years. A. \$1,423.33.

This engine should be removed to the North Engine House, to take the place of two old engines out there and should be replaced by a triple combination pumping Engine, Hose & Chemical Truck, motor-driven.

*Engine No. 1—Horse drawn. Make—Amoskeag International Power Company.*

- Q. Date purchased? A. 1909.  
Q. Cost price? A. \$5,200.00.  
Q. Capacity or equipment? A. 900 gallons per minute.  
Q. Present condition? A. Excellent.  
Q. Possible radius of action. A. Car barn to Lothrop street.  
Q. Amount paid for repairs last ten years. A. \$252.30.

Should be kept in the Central House for use in the center of the town, as this is the location where large quantities of water may be required for fires, also the piece of apparatus is too heavy for use in the extremities of the town excepting under very unusual conditions.

*Chemical No. 2—Horse drawn. Make—C. T. Hollaway.*

- Q. Date purchased? A. 1894.  
Q. Cost price? A. \$1,575.00.  
Q. Capacity or equipment? A. Two 50-gallon tanks, 200 feet chemical hose.  
Q. Present condition? A. Good.

Q. Possible radius of action. A. Spare. Held in reserve.

Q. Amount paid for repairs in last ten years. A. Approximately \$700.00.

This should be kept in reserve.

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#### LOCATED AT NORTH ENGINE HOUSE.

*Hook and Ladder No. 1—Horse Drawn. Make—Seagraves,  
Detroit, Michigan.*

Q. Date purchased? A. 1893.

Q. Cost price? A. \$963.50.

Q. Capacity or equipment? A. Ladders, etc., and one 35-gallon chemical tank with 150 feet chemical hose.

Q. Present condition? A. Fair.

Q. Amount paid for repairs in last ten years. A. \$252.45.

Q. Possible radius of action? A. Anywhere in town.

This hook and ladder truck is in good condition and should be left in its present location.

*Hose Wagon No. 2—Horse drawn. Make—Charles Waugh & Co.*

Q. Date purchased? A. 1905.

Q. Cost price? A. \$325.00

Q. Capacity or equipment? A. 800 feet of hose.

Q. Present condition? A. Good for type.

Q. Amount paid for repairs in last ten years? A. No records.

This hose wagon is in good condition and should remain in its present location.

*Old Engine No. 2. Make—F. Button & Sons, No. 87.*

Q. Date purchased? A. 1874.

Q. Cost price? A. \$3,500.00.

- Q. Capacity or equipment? A. 400 gallons per minute.  
Q. Present condition? A. In working condition only.  
Q. Amount paid for repairs in last ten years. A. No records.

This engine should be disposed of.

*Engine No. 3. Make—Hunneman & Company.*

- Q. Date purchased? A. 1869.  
Q. Cost price? A. \$3,387.50.  
Q. Capacity or equipment? A. 400 gallons per minute.  
Q. Present condition? A. In working condition only.  
Q. Amount paid for repairs in last ten years? A. Only records available are \$231.20.

This engine should be disposed of.

An analysis of the tabulation shows much of the present equipment to be antiquated, decidedly inefficient, and in such condition that a very slight accident will put it out of commission.

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The present organization and pay roll of the department as furnished by the Board of Engineers is as follows:—

A Board of Engineers, three members, appointed by the Selectmen, one of whom is chosen Chief Engineer by the other two.

Chief Engineer,	\$150 00
Assistant Chief,	75 00
Clerk,	100 00
Central Engine House, 6 permanent men,	\$5,720 00
Ladder No. 1, 10 call men,	509 00
Ladder No. 2, 10 call men,	509 00
Engine Nos. 1 and 2, 26 call men,	1,345 00
Engine No. 3, 10 call men,	543 00

This shows that we have a permanent fighting force of six (6)



men stationed at the Central Fire House, but with a running card so arranged, however, that because of the days allowed off we really have only a permanent force of four (4) men.

The Call men attached to the Companies stationed in the Central House number thirty-six (36) and respond to every alarm, either reporting at the fire if their company responds, or at the Fire House if the box calls other companies.

The Call men attached to the North Engine House number twenty (20) and report only when their company responds to the box, and an interesting sidelight is the fact that these men attached to the North companies receive as much pay per man per year as the Call men of the other companies who are obliged to report for every alarm of fire.

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To further assist the Committee to arrive at its conclusions, we also sought information from outside the town. A personal investigation of the Fire Department in the Town of Brookline was made, and inquiries were addressed to the National Board of Underwriters, Heads of Town Managements, and Chiefs of Fire Departments of twenty-five towns of about the same population as Plymouth, twelve of said towns being in Massachusetts, eight in New York and Connecticut, and the balance in the North West. The answers received from these inquiries were highly interesting and instructive, and we file the same with our report for reference. We also consulted with the present Board of Engineers of our own town.

With the foregoing facts and figures in hand your Committee proceeded to discuss the proposition in a careful manner, and are pleased to report the following as their recommendations:—

*First.* The re-organization of the Fire Department so that it would change the present form to one governed by a Commissioner.

*Second.* The appointment of a Permanent Chief with pay

sufficient to allow him to give his whole time to the Fire Department.

*Third.* The purchase of the following apparatus: A triple combination motor driven truck to cost about \$10,000.00. This piece of apparatus to consist of a gasoline motor operated pumping engine to deliver about 1,000 gallons per minute; equipped or provided with necessary regulation  $2\frac{1}{2}$ -inch fire hose, and one fifty-gallon chemical tank with sufficient chemical hose to operate same.

A motor driven ladder truck with a new equipment of ladders, etc., at a cost of about \$5,500.00.

A motor driven chemical engine to cost about \$1,250.00, suitable for answering still alarm fires where it is not necessary to send the present motor driven chemical engine.

This new apparatus to be stationed in the Central Engine House with three extra permanent men to man the equipment.

Engine No. 2 to be transferred to the North Engine House.

The following apparatus to be discarded:—

H. P. Bailey Hose No. 1.

Ladder No. 2.

Engine, Old No. 2.

Engine No. 3.

The men connected with the North Engine Companies to be made Call men to answer only second alarm fires, and the pay for same to be reduced proportionately.

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In explanation of our recommendations we offer:—

That a single Fire Commissioner would remove much of the friction and prevent conflict of authority, impossible to avoid, where more than one has power, and provide a responsible head who could be held to account for the management of the Department. Our idea being that this Commissioner would be one with good business training, rather than an experienced fireman, who

would be competent to handle the purchase of equipment and supplies, provide proper rules for governing the organization; see that the same are enforced, and act without fear or prejudice for the best interests of the town.

The petition to the State Legislature which is necessary to allow the re-organization of the Fire Department and the appointment of a Commissioner reads as follows:—

*An Act Relative to the Fire Department in the Town of Plymouth*

Section 1. The town of Plymouth is hereby authorized to establish a fire department, to be under the control and direction of one fire commissioner, who shall be appointed by the selectmen for a term of three years. He shall signify his acceptance in writing and shall serve without pay. He shall serve until his successor is appointed and may be removed for cause by the selectmen at any time after a hearing. The fire commissioner shall have the charge of extinguishing fires in said town and the protection of life and property in case of fire, and he shall purchase and keep in repair all apparatus used by the fire department. He shall have and exercise all the powers and discharge all the duties conferred or imposed by statute upon boards of engineers for towns, and he shall appoint a chief of department and such other officers and firemen as he may think necessary, and may remove the same at any time. He shall have full and absolute authority in the administration of the department, shall make all rules and regulations for its control, shall report to the selectmen from time to time as they may require, and shall annually report to the town the condition of the department, with his recommendations thereon. In the expenditure of money the fire commissioner shall be subject to such limitations as the town may prescribe.

Section 2. This act shall take effect upon its passage so far as to allow the town to vote upon the acceptance of the same, but shall not take full effect until it has been accepted by a majority of the voters of said town present and voting thereon at a town meeting duly called for the purpose.

Your Committee has already petitioned the Legislature and the citizens will be given an opportunity to vote on this act at the Town Meeting held for the Election of Officers in March next, the question appearing on the official ballot. The Committee sincerely hopes that enough will vote in favor so that its recommendations may be put into operation at once.

The Permanent Chief we recommend because we believe that the Department is of sufficient importance to the town to demand at least the undivided attention and constant presence of an able, competent Fire Chief.

Centralization of apparatus we believe is of the greatest importance. If the town votes to purchase the apparatus recommended we are positive that it can be best handled from one station. We have only to consider the work performed by the present motor driven piece to prove our statement, for here is a piece of apparatus that has been able to cover the entire town in a manner never before possible with the horse drawn machines stationed in different sections, and dependent upon horses which are frequently not available.

The new apparatus, the purchase of which we recommend, is in the line of progress and a link in the chain, which will ultimately mean an organization capable of meeting the new conditions which are bound to arise with the growth of the town. The particular pieces at present recommended will handle the fires for some time to come, and with the department properly organized will provide a much more efficient fighting force at only a slight increase in cost.

The apparatus we propose transferring to the North House will provide additional means when a fire assumes proportions beyond the control of the apparatus first called to the scene.

The apparatus we propose discarding, in the opinion of your Committee, has outgrown its usefulness. To attempt alterations will only delay the purchase of suitable equipment and add an expense which at best only provides a makeshift.

An estimated cost to operate the department with the additional men and equipment, as recommended, is shown in comparison with the present cost of maintenance.

*Present Cost.*

Board of Engineers,	\$325 00	
6 permanent men,	5,720 00	
56 call men,	2,906 00	
Horse hire for Central house,	1,680 00	
	<hr/>	
Total,		\$10,631 00

*Estimated Cost if Recommendations Are Adopted.*

Commissioner,	no pay	
Chief,	\$1,200 00	
9 permanent men,	8,500 00	
56 call men,	2,380 00	
	<hr/>	
Total,		\$12,080 00

This shows an increased cost to operate the department of about \$1,449.00, if the foregoing recommendations are adopted.

In conclusion, the Committee would ask that the citizens give this report with its recommendations their most careful consideration before passing judgment. We believe that with the slight additional annual expense the efficiency of the department will be increased to a point which cannot be figured in dollars and cents.

We seldom have warning of a fire and can never know how serious the results may be. Each and every citizen is entitled to what protection the town offers, be he tenant or owner of real estate, and all of us are charged with providing suitable means to assist the fire fighter in the performance of his duty.

Respectfully submitted,

ROBERT C. HARLOW,

JOHN H. DAMON,

EUGENE P. ROWELL,

JOHN E. SULLIVAN,

HENRY WALTON.



## REPORT OF PLANNING BOARD

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This Board was created under the following Act of the Legislature in 1913:

### Chapter 494, Acts of 1913.

Section 1. Every city of the Commonwealth and every town having a population of more than ten thousand at the last preceding national or State census, is hereby authorized and directed to create a board, to be known as the planning board, whose duty it shall be to make careful studies of the resources, possibilities and needs of the city or town, particularly with respect to conditions which may be injurious to the public health or otherwise injurious in and about rented dwellings, and to make plans for the development of the municipality with special reference to the proper housing of its people. In cities, the said board shall be appointed by the mayor, subject to confirmation by the Council, and in cities under a commission form of government, so-called, the members of the board shall be appointed by the governing body of the city. In towns, the members of the board shall be elected by the voters at the annual town meeting.

Section 2. Every planning board established hereunder shall make a report annually to the city council or governing body in cities and to the annual town meeting in towns, giving information regarding the condition of the city or town and any plans or proposals for the development of the city or town and estimates of the cost thereof; and it shall be the duty of every such local planning board to file a copy of all reports made by it with the homestead commission.



Section 3. The homestead commission, created by Chapter six hundred and seven of the Acts of the year nineteen hundred and eleven, is hereby directed to call the attention of the mayor and city governments in cities and the selectmen in each town having a population of more than ten thousand at the last preceding national or State census to the provisions of this act in such form as may seem proper; and said commission is furthermore authorized and directed to furnish information and suggestions from time to time to city governments and to the selectmen of towns and to local planning boards, when the same have been created, such as may, in its judgment, tend to promote the purposes of this act and of those for which the said commission was established.

Section 4. The city council or other governing body in cities is authorized to make suitable ordinances, and towns are authorized to make suitable by-laws, for carrying out the purposes of this act, and they may appropriate money therefor.

Section 5. This act shall take effect upon its passage.

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At the 1914 town meeting the then members of the board of selectmen were elected members of the planning board, and at the 1915 town meeting the same board was re-elected.

It is this board's conviction that the planning board should be composed of individuals not serving on administrative boards of the town.

The 1914 board did practically no constructive work, but the past year we have used the sum of \$150.00 in having drawn a suitable plan of the town, which in our estimation, is essential before any other work is planned. This plan is being drawn on a scale of 200 feet to the inch, and will take in the section starting northerly at the Kingston line, and extending south a short distance beyond the Hotel Pilgrim, and westerly as far as Billington Sea.

The plan is being drawn from data obtained from the survey

for the Assessors' Plans and covers at present a section from the Kingston line to Lincoln Street which is as far as the Assessors' Plans have been completed.

We recommend an appropriation of \$100.00 for this department for the coming year to be expended on the plan, and for such other expenses as may be necessary to be incurred.

WILLIAM T. ELDRIDGE,  
EPHRAIM D. BARTLETT,  
JOHN L. MORTON.

## WARREN AVENUE COMMITTEE REPORT

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The committee appointed by the Moderator of the March Town meeting to represent the Town in all matters relative to the widening of Warren Avenue held several meetings and went over the ground carefully. Following the recommitment of the matter to the same committee by vote of the Town meeting, held October 23rd, 1915, the committee went to Boston and met the Highway Commission. The commission had prepared plans, showing the land they proposed to take for a section of State highway in Plymouth. The committee also learned that the contract and specifications were in the possession of our Selectmen, it being understood by the Highway Commission that the Town of Plymouth proposed to exercise its right to contract for the construction of the road. Your committee further learned that the commission, having adopted definite plans, there was nothing to be done except for the Town to provide the necessary funds to defray the land damages, and secure releases for the land to be taken by the commission.

The accompanying cuts, made from the drawings furnished by the commission, show the layout which is 50 feet in width. Beginning at the southerly end of the avenue near Cliff Street and extending northerly to the residence of Mr. H. H. Litchfield, the widening is on both sides. From there the taking on the easterly side decreases to nothing at a point opposite the residence of Mr. Theodore Adams. From this point the taking is practically all on the westerly side as far as the residence of Mr. A. E. Blackmer. From this point the widening gradually crosses to the easterly side, and at Jabez Corner is all on the easterly side.

It was intimated to the committee that if the Town of Plymouth did not wish to appropriate the money for the land damage the Highway Commission had ample use for its funds elsewhere. If the work is to be done under the direction of the commission they desire to have it begun early this spring, so as to have the road ready for summer travel. They propose to build an 18-foot road with the necessary shoulders and gutters, and the Town will have to build the sidewalk. Although the new layout is 50 feet in width only such proportion of this width will be worked under the present contract, as the proposed new road and grades may require.

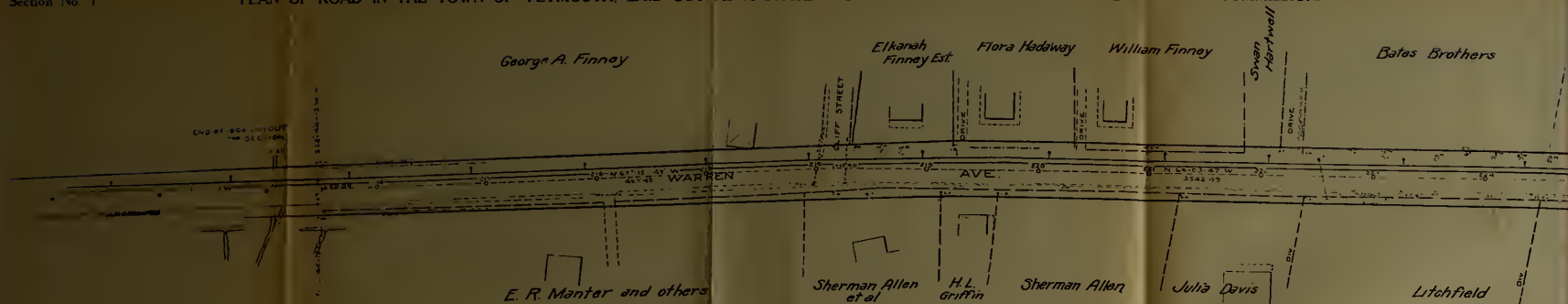
Therefore the committee recommends that if the Town desires the work done in accordance with the above layout it make the necessary appropriation to indemnify the Commonwealth in accordance with the vote passed at the last annual meeting.

WILLIAM T. ELDRIDGE,  
ALTON D. EDES,  
WILLIAM W. BREWSTER,  
JOHN P. VAHEY.

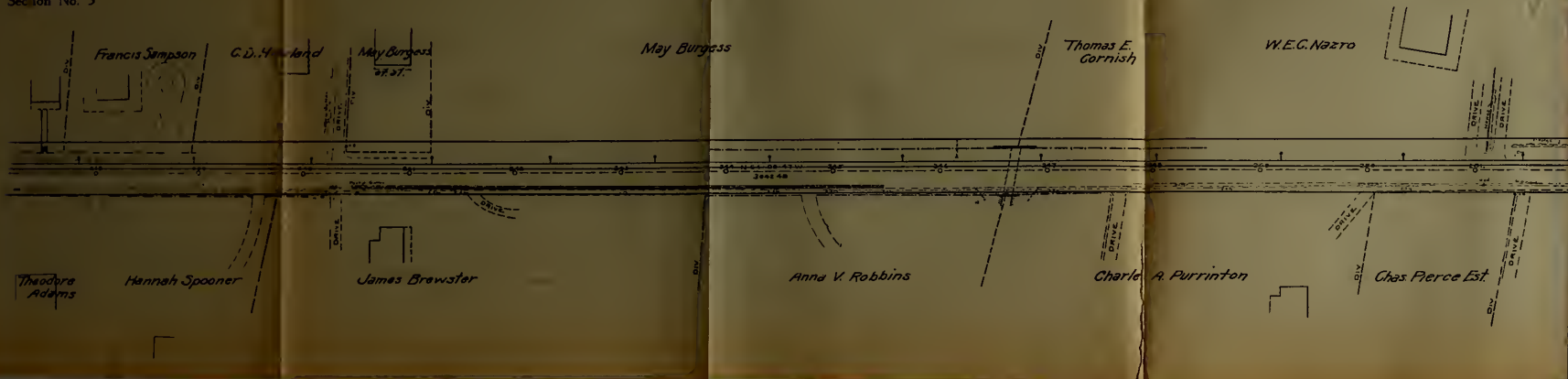
Plymouth, Mass., February 21, 1916.

Section No. 1

PLAN OF ROAD IN THE TOWN OF PLYMOUTH, LAID OUT AS A STATE HIGHWAY BY THE MASSACHUSETTS HIGHWAY COMMISSION.



Section No. 3



Section No. 2

Bates Brothers

Litchfield

C. W. Bramhall

Nellie A. Ross

G. D. Howland

Bates Brothers

Litchfield

Bates Bros.

Litchfield

Henry H. Litchfield

M. Collingwood

Section No. 4

Geo. Mabbett

Ellen J. Donnelly

Alonzo Warren Est.

G. Howland

M. J. Bartlett

Sarah Manter

Z. Blackmer

J. Manter et al

Edward Bradford

Chas. Pierce Est.

Arthur Nash Est.

I. Morton Est.

Hodge

K. B. Thompson

Hedge

Anna Spooner

A. E. Blackmer

O. Hutchinson

Ed. Bradford

Morton

HOWES LANE



## REPORT OF COMMITTEE ON INDUSTRIAL EDUCATION.

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The committee appointed by the moderator at the last annual town meeting to investigate the question of Industrial schools, respectfully submit the following report.

Sixteen meetings have been held, after the first five of which, the committee was unanimous in the opinion that part-time education was the only practicable plan.

In accordance with this idea, a conference was held with a number of the leading manufacturers for the purpose of securing their co-operation. This conference led us to believe that a part-time plan cannot be established here at present.

Mr. Robert O. Small, State Deputy Commissioner of Industrial Education, met this committee, having previously sent two of his agents to make a study of the local situation.

After this conference the Commissioner sent the following report.

(Copy.)

Massachusetts Board of Education.  
Ford Building,  
Boston.

November 9, 1915.

We recommend that Plymouth take advantage of the Vocational School laws at the earliest possible date in the following way:

*First.* Establish work for women in evening practical arts classes. These classes are conducted in those occupations customarily followed in the home (sewing, cooking, millinery, care

and nurture of children, etc.). They are open to all employed women, whatever the day employment may be, provided the candidates are over seventeen years of age. Groups of fifteen constitute a class.

*Second.* Establish evening trade extension classes for men employed in the building and machinist trades if you can get fifteen members of any one group of artisans of not too diversified groups of the building trades.

Such courses as:

- a. Drawing for carpenters, machinists, etc.
- b. Blueprint reading for carpenters, machinists.
- c. Framing plans, construction, etc.
- d. Plumbers' apprentices.
- e. Sheet metal workers' plans.

are typical courses which can be put up in short units and given with very little equipment.

I should think that it would be entirely feasible to offer work for textile operatives in evening courses.

*Third.* Establish through a department at your High School an opportunity for agricultural education.

*Fourth.* Establish a co-operative day school for textile workers—if possible at one of the textile factories. If you could secure the room at one of your mills and furnish the teacher, I have no doubt that ways could be devised to give all day training for short periods (say two weeks or a month) at a time to a large group of young women entering the industry. This plan would solve the economical problem of many a young worker, be economical for the town and advantageous to the employer. Here is a chance to try out a very promising and new type of vocational education. I hope that I can interest you in an attempt to secure the necessary co-operation.

*Fifth.* Plan to establish an all day school for boys desiring to enter the building trades.

*Sixth.* Plan to establish an all day school in homemaking for girls.

*Seventh.* Plan to establish continuation schools for employed boys and girls fourteen to sixteen years of age.

This is an ambitious program but if attempted gradually, will be very much worth while and is entirely possible.

Yours respectfully,

(Signed)

R. O. SMALL.

In consideration of the foregoing, your committee makes the following recommendations to the town:

a. The establishment of work for women in evening practical arts classes.

b. The establishment of evening trade extension classes for men.

c. The establishment through a department at our High School of an opportunity for agricultural education.

d. That the school board consider the advisability of employing a vocational guidance director.

The committee recommends that \$2,500.00 be appropriated to meet the expenses of the first two recommendations, practically one-half of which will be reimbursed by the State.

We regret that it is inadvisable to recommend at this time a plan of education whereby the youth may be prepared for the industries of the town. This was our first thought, and we feel that something along this line should later be worked out.

We suggest that these recommendations be carried out by a committee appointed by the School Committee.

Respectfully submitted,

CHARLES P. MARSHALL,

CARROLD D. HOWLAND,

ALLEN LOFT,

JOHN H. DAMON,

CHARLES A. HARRIS.

## COMMITTEE ON BREAKWATER AT BEACH PARK

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Under Article 25 of the Town Meeting Warrant for the annual meeting in 1915, the Town voted:

That a committee of five be appointed by the Moderator to look into the matter of building a concrete breakwater at Beach Park, and that the matter be taken up with the Land and Harbor Commissioners or the Federal Government, and the Moderator appointed Edward B. Atwood, Charles C. Doten, Alfred Holmes, John Russell and Edw. L. Burgess as a committee.

The matter was taken up with the Land and Harbor Commissioners and it was agreed by them that the State would pay one-half of the expense of a suitable concrete breakwater provided the Town would pay one-half. Under the above conditions the Commissioners made a survey, and prepared a plan, and with the Selectmen fixed the location, and advertised for bids for the construction of the same from the southerly end of the stone breakwater just north of the Beach Park bath house to a point near the southerly line of Beach Park, a distance of 375 feet, at \$5.70 per cubic yard, amounting to approximately \$2,300. The specifications called for the construction as follows: The bottom to begin at elevation 110 and the top at elevation 118, being eight feet high, and five feet thick at the base, and two feet thick at the top with an additional overhang, or coping, at the top of six inches, making the top surface 30 inches wide; and spurrs 20 feet long and four feet high running at right angles to the main wall and 73 feet apart. In addition to the above, a concrete run was built just south of the bath house to allow teams to drive to and from the shore and the run was ended at the same elevation as the top of the wall which

prevents the tide from doing any damage on account of said opening.

On July 10, 1915, at a special meeting, the Town appropriated the sum of \$1,150 to cover its proportionate part of the cost, and the same was paid to the State Treasurer. The contract was awarded to the Concrete Construction Co. of Boston and was built under the supervision of the State Inspector, and your committee is of the opinion that the Town got a first-class piece of work. They would recommend that the Town fill in back of the wall, which will add strength and also prevent the water from soaking through under the wall, if in an unusual high tide the water should wash over. A great deal of this filling can be done with material that has to be removed when cleaning the streets and gutters by both the State and the Town.

In addition to the above breakwater the abutting owners, south as far as the property of Professor Lucas, took the matter up with the State and consequently there has been built 508 feet more of the concrete wall with spurrs, the top elevation at 121 or 3 feet higher than the one opposite Beach Park, with a base at the same elevation for about 200 feet, and from that point, raised two feet to elevation 112, on account of the elevation of the ground, and kind of material encountered, the same being paid for equally by the State and the abutters.

We now have a first-class concrete breakwater 883 feet long from the southerly end of the stone breakwater, to the South line of the property of Professor Lucas, formerly of A. T. Skerry, Jr., of New York, with spurrs 20 feet long, 4 feet high, at right angles to the main wall, the entire distance which prevents any wash at the base of the wall.

Respectfully submitted,

EDW. L. BURGESS, Chairman.

EDW. B. ATWOOD,

CHAS. C. DOTEN,

ALFRED HOLMES,

JOHN RUSSELL.



## TOWN WARRANT.

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To either of the Constables of the Town of Plymouth, Commonwealth of Massachusetts:

Greetings.

In the name of the Commonwealth, you are hereby directed to notify and warn the inhabitants of Plymouth, qualified to vote in elections and town affairs, to meet in the Armory, in said Plymouth, on Saturday, the fourth day of March, 1916, at fifteen minutes before six o'clock in the forenoon, and in said Armory in said Plymouth on Saturday, the twenty-fifth day of March, 1916, at two o'clock in the afternoon, to act on the following articles to wit:

Article 1. To choose a Moderator to preside at said meeting.

Article 2. To choose all necessary town officers. The following officers to be voted for all on one ballot, viz.: Five Selectmen, Town Clerk, Town Treasurer, Collector of Taxes, one member of a Board of Health for three years, one Assessor for three years, seven Constables, one Overseer of the Poor for three years, one Water Commissioner for three years, one member of a School Committee for three years, one Park Commissioner for three years, three members of a Committee on Agawam and Half Way Pond Fisheries for one year, Tree Warden for one year, and one Cemetery Commissioner for three years: and to vote by ballot "Yes" or "No" in answer to the following questions:

"Shall licenses be granted for the sale of intoxicating liquors in this town?" and "Shall the town accept Section 37 of Chapter 19, Revised Laws, as to the application of the civil service to the



police force?" and "Shall the town accept Chapter 84, Special Acts of 1916, entitled An Act Relative to the Fire Department of the Town of Plymouth?"

The polls for the election of officers and the votes on the foregoing questions, will be open at the Armory at fifteen minutes before six o'clock in the forenoon on said Saturday, the fourth day of March, 1916, and may be closed at three o'clock in the afternoon. Both of said days will constitute the annual meeting, and this call is issued in accordance with the vote of the town, passed June 5, 1897, as amended March 2, 1903, and April 2, 1904.

Article 3. To hear the reports of the several boards of officers and committees of the town, and act thereon.

Article 4. To see if the town will authorize the Town Treasurer, with the approval of the Selectmen or a majority thereof, to borrow during the municipal year, beginning January 1, 1917, in anticipation of the collection of taxes of said year, such sums of money as may be necessary for the current expenses of the town, but not exceeding the total tax levy for said year, giving the notes of the town therefor, payable within one year from the dates thereof. All debts incurred under the authority of this vote shall be paid from the taxes of said municipal year.

Article 5. To make the necessary appropriations to defray the expenses of the town, and for other purposes, and to raise such sums of money as the town shall deem expedient.

Article 6. To take such action as the town may see fit in aid of the Plymouth Public Library.

Article 7. To see if the town will appropriate a sum not exceeding two hundred and fifty (250) dollars in aid of the Manomet Public Library.

Article 8. To see what appropriations the town will make for the care and improvement of the various parks, and of the Training Green.

Article 9. To see if the town will appropriate a sum not ex-

ceeding two hundred and, twenty-five (225) dollars, to pay the expenses of Memorial Day.

Article 10. To see if the town will authorize the Selectmen to renew any note or notes heretofore authorized, which are now due or may become due the present year, for such time and on such terms as they may deem expedient for the interests of the town.

Article 11. To see if the town will authorize the Selectmen to transfer, from time to time the money from the Reserve Fund to such other accounts as in their opinion may be necessary.

Article 12. To see what action the town will take in regard to the expenditures of the town from January 1, 1917, to the annual town meeting of that year.

Article 13. To see if the town will appropriate a sum not exceeding five hundred (500) dollars, to purchase an automobile for the use of the Police Department.

Article 14. To see if the town will appropriate a sum not exceeding eleven thousand five hundred (11,500) dollars, to pay the damages caused by the layout of the State Highway on Warren avenue, including authorizing the issue of bonds or notes of the town to an amount necessary therefor.

Article 15. To see if the town will appropriate a sum not exceeding ten thousand five hundred (10,500) dollars to pay the damages caused by the widening of Sandwich street by the County Commissioners, including authorizing the issue of bonds or notes of the town to an amount necessary therefor.

Article 16. To see if the town will appropriate a sum not exceeding fifty thousand (50,000) dollars, for the purpose of building an addition to the Nathaniel Morton School Building, including the original equipment thereof, including authorizing the issue of bonds or notes of the town to an amount necessary therefor.

Article 17. To see if the town will appropriate a sum not exceeding thirteen thousand (13,000) dollars for the purpose of installing fire protective apparatus, and fire proofing in the

school buildings, including authorizing the issue of bonds or notes of the town to an amount necessary therefor.

Article 18. To see if the town will make an appropriation not to exceed five hundred (500) dollars, for the purpose of helping to defray the expenses of a suitable celebration of the Fourth of July. (By request.)

Article 19. To see if the town will authorize the Moderator to appoint a committee of five, with power to add to its number, to take charge of the town's part of the Tercentenary Celebration. (By request.)

Article 20. To see if the town will authorize the use of twenty-one (2,100) dollars in the Reserve Fund accumulations from Overlay of Taxes, to reduce the Tax Levy of 1916, as recommended in the report of the Board of Assessors.

Article 21. To see what action the town will take in regard to constructing a breakwater at the head of Plymouth Beach, and make an appropriation therefor.

Article 22. To see if the town will accept and allow the layout of Samoset and Circuit avenues as laid out by the Selectmen and reported to the town.

Article 23. To see if the town will accept and allow the layout of Strand avenue as laid out by the Selectmen and reported to the town.

Article 24. To see if the town will appropriate the sum of twenty-five hundred (2,500) dollars, to conduct State Aided Vocational Education and Evening Classes in the practical arts, and to place the same under the direction and control of the School Committee, said courses to be conducted in conformity with the requirements of Chapter 471 of the Acts of 1911, and Chapter 106 of the Acts of 1912, and any amendments thereto.

Article 25. To see if the town will authorize the Selectmen, in the name and on behalf of the town, to take the contract for the construction of the highway which the Massachusetts Highway Commission proposes to construct on Warren avenue, including authorizing the Selectmen to borrow from time to time such

money as may be necessary for the construction of the same, but not exceeding ten thousand (10,000) dollars.

Article 26. To see if the town will change the number of Constables to be elected.

Article 27. To see if the town will vote to purchase additional apparatus for the Fire Department, and make an appropriation therefor, including authorizing the issue of bonds or notes of the town to an amount necessary therefor.

Article 28. To see if the town will rescind the votes of March 25, 1911, whereby the Selectmen were authorized to purchase in the name and on behalf of the town, five hundred (500) shares of the capital stock of the Plymouth and Sandwich Street Railway Company; and whereby the Selectmen were authorized to issue bonds of the town to the amount of fifty thousand (50,000) dollars to purchase the same; or to take such other action in the above matter as the town may deem expedient.

Article 29. To see if the town will authorize the Water Commissioners to lay a service pipe on South Park Avenue, connected with the high pressure main on Court street, and appropriate a sum not exceeding eight hundred (800) dollars therefor. (By petition.)

And you are hereby required to serve this warrant in the manner prescribed by a vote of the town, by posting notices thereof in three public places in the town, seven days at least before the meeting, one of which postings shall be in Chiltonville and one in Manomet Ponds, and also by publishing the warrant in the newspapers published in Plymouth, and make return thereof with your doings thereon at the time and place above mentioned.

Given under our hands this twenty-first day of February, 1916.

WILLIAM T. ELDRIDGE,  
EPHRAIM D. BARTLETT,  
RICHMOND TALBOT,  
HERBERT S. MAXWELL,  
JOHN L. MORTON,

Selectmen of Plymouth.

Plymouth, ss.

Pursuant to the foregoing warrant, the inhabitants of Plymouth, qualified to vote in elections and town affairs, are hereby notified to meet at the time and place and for the purposes therein mentioned.

JOHN ARMSTRONG,

Constable of Plymouth.



## LIST OF JURORS.

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Prepared by the Selectmen of Plymouth, Mass., for 1916.

Adams, James P., Chiltonville, mason.  
Alexander, Carroll A., 271½ Fremont Street, real estate.  
Anderson, George F., 23 Standish Avenue, dresser tender.  
Anderson, Horace, Manomet, carpenter.  
Andrews, Thomas H., Jr., 2 Lewis Street, mason.  
Armstrong, William, 370 Court Street, machinist.  
Arthur, Richard W., 61 Samoset Street, barber.  
Ashton, John W., 16 Vernon Street, weaver.  
Bachelder, John L., 95 Sandwich Street, machinist.  
Bartlett, Edwin P., Point Road, farmer.  
Bartlett, Elston K., 58 Allerton Street, carpenter.  
Bartlett, Ephraim D., 58 Allerton Street, contractor.  
Bartlett, George D., 5 Brewster Street, manufacturer.  
Bartlett, Herbert K., 58 Allerton Street, clerk.  
Bartlett, Orrin C., 4 Winter Street, pilot.  
Bartlett, William L., 2nd., Manomet, farmer.  
Baumgartner, Charles J., 139 Sandwich Street, clerk.  
Bennett, Nathaniel B., 2 Fremont Street, clerk.  
Bennett, Sylvanus S., 7 Highland Place, carpenter.  
Birnstein, Emil C., 221 Summer Street, weaver.  
Bliss, Edgar F., 22 Leyden Street, merchant.  
Bradford, George W., 252 Court Street, contractor.  
Burgess, Arthur L., South Pond, cranberry grower.  
Bradford, Harry A., 4 Warren Avenue, clerk.  
Bradford, Louis K., 111 Court Street, machinist.  
Briggs, Laban B., Jr., Manomet, lobster catcher.  
Brown, Daniel G., 80 Sandwich Street, machinist.



Burns, Alfred S., 14 Cushman Street, clerk.  
Bunker, Guy C., 21 Leyden Street, foreman.  
Carr, Patrick, 23 Centennial Street, laborer.  
Carver, Frank H., 20 Brewster Street, drug clerk.  
Cavanaugh, Thomas F., 1½ South Spooner Street, cordage  
employee.  
Carleton, William D., 20 High Street, station agent.  
Chandler, Albert L., 118 Court Street, insurance agent.  
Clark, Nathaniel T., 7 North Green Street, carpenter.  
Cobb, George A., 139 Summer Street, machinist.  
Cole, Albert H., 263 Sandwich Street, clerk.  
Cole, Charles F., Jr., 32 Whiting Street, machinist.  
Craig, Charles D., 11 Jefferson Street, clerk.  
Cushing, Robert W., 128 Sandwich Street, druggist.  
Damon, John H., 258 Court Street, master mechanic.  
Davee, Edward P., 8 Whiting Street, conductor.  
Deacon, Walter A., 3½ Sagamore Street, granite dealer.  
Dixon, Edward L., Manomet, fisherman.  
Davis, Albert E., 33 Allerton Street, agent.  
Doten, Charles R., Chiltonville, laborer.  
Douglas, George W., Cedarville, cranberry grower.  
Dowling, Vincent, 8 Murray Street, weaver.  
Eaton, Charles W., 115 Court Street, retired.  
Ellis, Clark, 23 Samoset Street, marble cutter.  
Field, Bernard, 15 Allerton Street, manager.  
Ferguson, John R., 22 Robinson Street, shoe dealer.  
Finney, John B., Sever Street, contractor.  
Geary, Henry T., 234 Sandwich Street, collector.  
Gifford, George F., 6 Allerton Street, baker.  
Glover, Luther F., 6 Franklin Street, baker.  
Goddard, Fred A., 271 Court Street, draughtsman.  
Goodwin, John J., 71 Samoset Street, watchman.  
Gould, Fred E., 34 Stafford Street, cranberry grower.  
Gray, Arthur G., 26 Davis Street, clerk.  
Grozenger, Adolph G., 16 Chilton Street, painter.

Hadaway, Augustus S., Jr., River Street, fisherman.  
Hall, George W., 103 Sandwich Street, painter.  
Harlow, Albert T., 208 Sandwich Street, carpenter.  
Harlow, Porter T., Manomet, farmer.  
Holmes, Edwin K., 140 Sandwich Street, carpenter.  
Haskell, Chester B., Cedarville, superintendent.  
Haskell, James L., Pondville, stone mason.  
Hayden, Charles F., 11 Cushman Street, ticket agent.  
Hedge Barnabus, 338 Court Street, wood dealer.  
Helling, George J., 48 Allerton Street, tinsmith.  
Henry, Charles F., 148 Summer Street, carpenter.  
Holmes, Charles T., 11 Allerton Street, steam fitter.  
Holmes, David, 152 Sandwich Street, painter.  
Holmes, Truman H., Manomet, farmer.  
Holmes, William B., South Pond, laborer.  
Howland, Arthur L., Rear 208 Sandwich Street, conductor.  
Irwin, Walter S., Sever Street, overseer.  
Johns, Ernest B., Clifford Road, fisherman.  
Keefe, Nicholas, 29 Nelson Street, laborer.  
Kelley, Frank C., 372 Court Street, cordage worker.  
Kelley, Henry H., 18 Allerton Street, superintendent.  
Kierstead, James S., 9 Davis Street, carpenter.  
Kingan, Ernest A. J., 143 Sandwich Street, clerk.  
Langford, Zenas, River Street, road surveyor.  
Lavache, Thomas V., 59 Samoset Street, weaver.  
Lowry, Abraham, 17 Whiting Street, painter.  
Magee, Eugene F., 162 Sandwich Street, conductor.  
Manion, Thomas, 17 Lothrop Street, shoemaker.  
Manter, Arthur L., 8 Whiting Street, plumber.  
Marvelli, Joseph, 23 Hamilton Street, weaver.  
McLean, Laughlin D., 117½ Court Street, watchman.  
Morrison, John L., 3 Stafford Street, baker.  
Morton, William R., 4 South Green Street, engineer.  
Morse, Arthur L., 21 Mayflower Street, clothier.  
Nazro, William E. C., Warren Avenue, architect.

Nickerson, Arthur S., 214 Standish Avenue, cordage employee.  
Nightingale, George W., 10 Mt. Pleasant Street, clerk.  
O'Connell, John J., 20 Hall Street, laborer.  
Palmberg, John A., Summer Street, painter.  
Paulding, George B., 6 Oak Street, rivet maker.  
Paulding, Edwin S., 12 Sandwich Street, rivet maker.  
Pearson, Charles S., 11 Chilton Street, machinist.  
Perkins, Thomas M., Newfields Street, painter.  
Pickard, William S., Obery Street, conductor.  
Pierce, William S., 14 South Spooner Street, boss spinner.  
Pioppi, Joseph, 29 Cherry Street, carpenter.  
Potter, Charles D., 1 Russell Avenue, cooper.  
Quartz, Frank, Jr., 8 Atlantic Street, grocer.  
Quartz, Henry, 283 Court Street, grocer.  
Raymond, Charles H., 41 South Street, rivet maker.  
Raymond, William H., 9 Robinson Street, janitor.  
Read, George R., 129 Summer Street, tack maker.  
Reagan, Thomas W., 108 Sandwich Street, watchman.  
Reinhardt, Henry, 9 Allerton Street, steam fitter.  
Rickard, Warren P., 223 Sandwich Street, shoe dealer.  
Riedel, Henry, 308 Court Street, shoe dealer.  
Robbins, Frank H., Main Street, painter.  
Roberts, Harold G., Holmes Terrace, clerk.  
Royal, Henry W., 225 Court Street, bookkeeper.  
Rubinstein, Louis, 38 Russell Street, clothier.  
Sampson, Evered A., 7 Park Avenue, machinist.  
Sampson, Fred A., 71 Summer Street, grocer.  
Schubert, John C., 17 Robinson Street, harness maker.  
Sears, Harold P., 207 Sandwich Street, clerk.  
Shaw, Clifton P., 45 Samoset Street, brakeman.  
Sidebotham, James, 35 Oak Street, dresser.  
Silva, Cosmo, 61 Cherry Street, real estate.  
Smith, Leslie B., 157 Sandwich Street, chauffeur.  
Sproul, William F., 93 Sandwich Street, agent.  
Stephen, Nicholas, 18 Hamilton Street, foreman.

Stevens, Charles T., 8 Stoddard Street, florist.  
St. George, Frank L., 30 Pleasant Street, livery stable keeper.  
Sturtevant, Perry L., 14 Jefferson Street, weaver.  
Swanton, James S., 54 Allerton Street, carpenter.  
Sweeney, George B., 65 Oak Street, carpenter.  
Swift, Robert C., Clifford Road, carpenter.  
Tavernelli, Sebastian, 117 Sandwich Street, barber.  
Thom, George S., 405 Court Street, cordage employee.  
Thomas B. Loring, 221 Sandwich Street, carpenter.  
Tripp, Lyman F., 11 Whiting Street, blacksmith.  
Turner, Edgar S., 16 Nelson Street, spinner.  
Valler, Harry E., 236 Sandwich Street, yard clerk.  
Webber, Charles, Jr., 28½ Centennial Street, percher.  
Whiting, Henry O., 9 Pleasant Street, provisions.  
Whiting, Russell L., 29 High Street, hack driver.  
Williams, George H., 2nd., 30 South Street, electrician.  
Zahn, Charles, 10 Atlantic Street, shoe dealer.

Approved January 31, 1916.

WILLIAM T. ELDRIDGE,  
EPHRAIM D. BARTLETT,  
RICHMOND TALBOT,  
HERBERT S. MAXWELL,  
JOHN L. MORTON,

*Selectmen of Plymouth.*

SIXTY-FIRST ANNUAL REPORT

OF THE

Water Commissioners,

Superintendent

AND

Collector of Water Rates

OF THE

Town of Plymouth

1915

## WATER COMMISSIONERS

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JOHN W. CHURCHILL—Term expires March, 1918.

ROBERT C. HARLOW—Term expires March, 1918.

JOHN H. DAMON—Term expires March, 1916.

HORACE P. BAILEY—Term expires March, 1917.

CHARLES T. HOLMES—Term expires March, 1917.

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Superintendent—Arthur E. Blackmer.

Assistant Superintendent—Richard W. Bagnell.

Water Register—N. Reeves Jackson.

Engineer at Pumping Station—John Bodell.

Assistant Engineer at Pumping Station—Albert E. Caswell.

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All applications for water must be made at the office of the Water Commissioners.

Superintendent's office, Town Square, near Town House; telephone, office 532-R, shop 532-W.

Meeting of the Commissioners to examine bills and claims against the department, the first Wednesday evening of each month.

Rates payable at the Town Treasurer's office semi-annually in advance, May 1 and Nov. 1.

Bills against the Department must be rendered on or before the first Wednesday of each month, or they will lie over until the following month.

Approved bills paid by the Town Treasurer at the Town Office.



## REPORT OF WATER COMMISSIONERS

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The Water Commissioners herewith submit their sixty-first annual report.

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### RECEIPTS.

Appropriation,	\$16,000 00
Appropriated for 1914 bills,	262 11
Credits,	172 70
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Total,	\$16,434 81

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### EXPENDITURES.

Maintenance,	\$8,218 43
Pump,	3,700 43
Extension of mains,	1,882 04
Extension of services,	462 26
Meters and setting,	2,171 10
Unexpended balance,	55
	<hr/>
Total,	\$16,434 81

# MAINTENANCE.

Salaries,	\$3,211 96
Labor,	2,279 79
Horse feed, care and stable items,	362 28
Freight, express and trucking,	33 76
Stationery, stamps and printing,	237 63
Fuel, light and power,	101 97
Telephone,	83 58
Factory and office repairs and supplies,	363 07
Tools bought and repaired,	32 25
Leaks in main pipes,	322 11
Leaks repaired in service pipes,	167 04
Renewing services,	147 47
Venturi Meter,	282 95
Miscellaneous,	592 57
	<hr/>
	\$8,218 43

# PUMPING STATION.

Salaries,	\$2,058 33
Fuel and light,	1,152 02
Heating and lighting engineer's house,	241 67
Parts and repairs to machinery,	10 96
Freight and trucking,	3 53
Material and supplies,	128 31
Tools and repairs on tools,	1 60
Repairs to buildings and grounds,	104 01
	<hr/>
	\$3,700 43

BONDS.

Bond paid on issue, August 1, 1890,	\$1,300 00
Bond paid on issue, August 1, 1894,	800 00
Bond paid on issue, October 2, 1899,	1,500 00
Bond paid on issue, May 1, 1901,	1,000 00
Bond paid on issue, July 1, 1903,	666 66
Bond paid on issue, April 15, 1905,	500 00
Bond paid on issue, April 15, 1905,	500 00
Bond paid on issue, Nov. 15, 1905,	600 00
Bond paid on issue, July 1, 1907,	1,000 00
Bond paid on issue, Feb. 15, 1908,	1,000 00
Bond paid on issue, June 1, 1909,	1,000 00
Bond paid on issue, July 1, 1910,	2,000 00
Total bonds paid,	<hr/> \$11,866 66

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INTEREST.

Interest paid on issue, August 1, 1890,	\$156 00
Interest paid on issue, August 1, 1894,	160 00
Interest paid on issue, October 2, 1899,	300 00
Interest paid on issue, May 1, 1901,	227 50
Interest paid on issue, July 1, 1903,	462 50
Interest paid on issue, April 15, 1905,	8 75
Interest paid on issue, April 15, 1905,	8 75
Interest paid on issue, November 15, 1905,	231 00
Interest paid on issue, July 1, 1907,	700 00
Interest paid on issue, February 15, 1908,	700 00
Interest paid on issue, June 1, 1909,	227 50
Interest paid on issue, July 1, 1910,	120 00
Total interest paid,	<hr/> \$3,301 98
Bonds,	\$11,866 66
Interest,	3,301 98
Total Bonds and Interest,	<hr/> \$15,168 64

## COMMISSIONERS' REPORT

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The work of the Water Department for the past year has been mainly routine maintenance work, with a small amount of construction work.

There has been laid 2,211 feet of new pipe, principally 6" at a cost of \$1,882.04, as the Superintendent's report shows in detail.

The grounds around the Allerton Street reservoir have been further improved, over the work done last year, by setting out shrubs along the Allerton Street slope.

A venturi meter tube as been set in the 16" line at the pumping station, for the purpose of checking the "slip" or over-registration of the pumps. The cost of this work was \$282.95.

Mr. John A. Skakle, chief engineer at the Plymouth Cordage Company, made a careful inspection of the Barr pump in May. He reported the pump to be in excellent condition and stated that no repairs were necessary. This pump has been in practically constant operation for more than eleven years, and the Commissioners were gratified to receive such a satisfactory report. They wish to take this opportunity of expressing their appreciation of the gratuitous work done by Mr. Skakle in making this inspection and report.

We recommend that 6" pipe be laid in the following streets, Franklin, Washington, High, Davis, Vernon Street west from Allerton and Highland Place, at an estimated cost of \$5,000.00. Some of the pipe in these streets has been in service sixty years. A portion of it is 2" in size and none is larger than 4".

We recommend an appropriation of \$16,000.00 for regular maintenance; making a total appropriation of \$21,000.00.

Respectfully submitted,

JOHN W. CHURCHILL,  
HORACE P. BAILEY,  
CHARLES T. HOLMES,  
JOHN H. DAMON,  
ROBERT C. HARLOW.

## SUMMARY OF STATISTICS.

Published by Request of the New England Water Works  
Association.

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### PLYMOUTH (MASS.) WATER WORKS

Population by census of 1915, 12,926.

Date of construction, 1855.

By whom owned. Town.

Source of supply, Great and Little South and Lout Ponds.

Mode of supply. Gravity for low service and pumping for  
high service.

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### PUMPING

1. Builders of pumping machinery: Barr and Worthington.
2. Coal: (b) bituminous; (d) brand various; (e) average cost per gross ton, \$5.23.
3. Total fuel, 490,295 pounds.
5. Total water pumped, 291,115,900 gallons.
6. Average static head, 65 feet.
7. Average dynamic head, 72 feet.
8. Number gallons pumped per pound of coal, Worthington, 426.9, Barr, 595.4.
9. Duty of Bar Pump, 35,726,000; Worthington, 25,610,000.  
Cost of pumping figured on pumping station expenses,  
Viz., \$3,700.43.
10. Per million gallons against dynamic head into direct pipe,  
\$12.71.

11. Per million gallons raised one foot high, (dynamic) \$.176.  
Cost of pumping figured on total maintenance, Viz.,  
\$11,918.86.
  12. Per million gallons against dynamic head into direct pipe,  
\$40.94.
  13. Per million gallons raised one foot high (dynamic)  
\$.529.
- 

### SERVICES.

16. Kind of pipes; lead and cement lined.
  17. From one-half to four inches.
  18. Extended 499 feet.
  20. Total now in use, seven miles, 3,156 feet.
  21. Service taps added, 34.
  22. Number now in use, 2,657.
  23. Average length of service, 14.1 feet.
  24. Average cost of service, \$13.59.
  27. Motors and elevators added: None.
  28. Number now in use; one Motor.
- 

### DISTRIBUTION

1. Kind of pipe used: Cement lined and wrought iron,  
principally cement lined.
2. Sizes: from 2 inch to 30 inch.
3. Extended, 2,211 feet.
4. Discontinued, 400 feet of 4 inch.
5. Total now in use, 55 miles, 2,829 feet.
6. Cost to repair per mile \$5.80.



7. Number of leaks per mile, 4.
8. Small distribution pipes, less than 4 inch, 10 miles, 3,259 feet.
9. Hydrants added, three post. Discontinued, none.
10. Hydrants now in use: 225 public; 52 private.
11. Stop gates added, nine. Discontinued, two.
12. Number now in use, 630.
13. Small stop gates less than 4 inch, 133.
14. Number of blow-offs, 42.

Published by request of the New England Water Works Association.  
**FINANCIAL**

**MAINTENANCE.**

Water rates, domestic,			
Water rates, manufacturing,			
Total water receipts,	\$35,404.70	Management and repairs,	\$11,918.86
Miscellaneous,	2,973.92	Interest on bonds,	3,301.98
Total,	<u>\$38,378.62</u>	Total,	<u>\$15,220.84</u>
	573.43	. Profit for year,	23,731.21
	<u>\$38,952.05</u>	Total,	<u>\$38,952.05</u>
		Paid bonds and notes,	\$11,866.68
		Carried to Construction Acct.,	<u>11,864.55</u>
		Total,	<u>\$23,731.21</u>

**CONSTRUCTION.**

Profits of maintenance,	\$11,864.55	Extension of mains,	\$1,882.04
		Extension of services,	462.26
		Meters and setting,	2,171.10
		Unexpended balance,	7,349.15
		Total,	<u>\$11,864.55</u>
		\$11,866.66 paid yearly on principal.	\$18,000.00
		Bonded debt at 3 1/2 per cent.,	11,989.88
		" " 3 3/4 " "	47,800.00
		" " 4 " "	<u>\$77,799.88</u>

## COLLECTOR'S REPORT

---

Gentlemen:—I hereby submit the annual report of the Collector of Water Rates for the year 1915.

*Dr.*

Arrears,	\$7,973 77
Water Rates,	39,069 74
Labor and Material,	568 24
	<hr/>
	\$47,611 75

*Cr.*

Total Collections,	\$38,952 05
Abatements,	1,496 21
Uncollected Rates,	7,106 04
Uncollected Labor and Material,	57 45
	<hr/>
	\$47,611 75

Water is supplied to 2,845 families; 2,251 water closets; 1,052 bath tubs; 572 hose; 12 markets; 35 urinals; 187 cows; 82 stables; 374 horses; 204 stores, offices and shops; 4 banks; 9 churches; 9 engines; 4 cemeteries; 3 laundries; 8 manufactories; 2 photograph saloons; 10 saloons; 4 bakeries; 10 hotels and boarding houses; 3 hot houses; 2 printing offices; 10 halls; 2 billiard rooms; 2 cigar manufactories; Gas Works; 3 woolen mills; N. Y., N. H., & H. R. R.; 2 electric plants; County buildings; Town Buildings; street sprinkling.

Yours respectfully,

N. REEVES JACKSON,

*Collector of Water Rates.*

## SUPERINTENDENT'S REPORT

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To the Board of Water Commissioners:—

Gentlemen: I herewith submit the annual report of the Superintendent of the Plymouth Water Works for the year ending December 31, 1915.

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### ACCOUNT OF PIPES LAID FOR YEAR ENDING DECEMBER 31, 1915.

LOCATION	Length in feet.	Size in inches	Cost
Russell's Mills	100	2	\$36.92
Sandwich Road, Thomas Reilly house	850	6	633.24
Vernon St., including services	735	6	754.00
Water St. Ext., Kerr's Factory	129	6	152.28
Standish Ave., to dump	250	6	234.55
Highland Place	147	2	71.05
TOTALS,	2,211		\$1,882.04

---

### CONSUMPTION FOR 1915.

The usual diagram showing graphically the daily average consumption for each week in the year is given on Plate 2.

The dotted line represents the low service consumption, the next full line above, the high service and the upper full line is the sum of these two or the total consumption.

Table showing total rainfall since 1887, and monthly rainfall since 1891.  
Also annual variation from the average in inches.

YEAR	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	TOTAL	Variation from av. in inches
1887													43.14	— 2.94
1888													40.23	4.20
1889													59.14	3.06
1890													41.89	5.72
1891	8.36	5.32	5.04	4.02	1.99	2.23	2.55	1.43	2.23	5.92	1.79	3.77	41.85	— 1.43
1892	3.79	2.72	4.56	1.26	3.91	2.12	1.81	4.16	2.41	2.29	7.12	1.75	37.00	8.18
1893	2.88	6.66	6.17	4.45	4.39	2.50	2.71	5.80	1.73	2.16	8.29	5.59	48.33	2.95
1894	3.50	4.85	1.56	3.97	4.35	1.54	1.03	0.73	2.37	7.97	4.98	3.85	42.68	3.40
1895	3.54	0.87	2.71	4.79	2.73	2.04	3.58	2.65	3.27	6.89	3.95	3.85	40.27	5.91
1896	2.75	4.73	5.82	0.88	2.93	3.59	2.27	1.71	5.65	3.60	3.41	1.75	39.09	6.99
1897	4.24	2.08	2.31	4.28	3.65	2.99	2.88	2.91	1.42	0.87	6.42	3.27	37.82	8.76
1898	3.75	4.04	2.37	5.82	5.65	1.93	6.58	7.33	1.35	8.96	8.48	2.24	58.40	12.82
1899	6.52	5.23	6.77	1.18	1.40	3.62	3.79	1.17	6.92	3.03	2.28	1.60	43.51	2.57
1900	4.86	5.35	3.62	1.95	5.11	2.29	1.37	3.28	3.10	5.40	5.36	3.15	44.84	1.24
1901	2.51	1.70	6.86	7.78	8.54	1.46	4.38	2.25	2.77	2.07	2.59	3.15	53.11	7.03
1902	2.22	5.53	7.82	2.98	1.52	3.68	1.89	1.43	3.65	5.32	1.72	6.77	44.53	1.55
1903	4.43	5.36	7.94	7.45	0.67	4.76	2.44	5.44	1.45	3.32	3.22	3.98	53.46	7.88
1904	5.44	3.61	2.47	9.11	2.23	2.58	4.02	3.52	3.18	1.85	3.53	4.10	45.64	4.44
1905	4.50	2.16	2.87	2.32	1.11	8.01	1.78	2.99	6.93	1.72	2.04	4.31	40.64	5.44
1906	4.05	5.33	8.69	2.34	5.28	2.36	6.42	2.02	2.98	4.50	3.45	3.13	50.55	4.47
1907	3.92	3.41	2.31	4.08	3.68	2.70	1.10	1.82	11.16	2.91	6.82	6.90	50.81	4.73
1908	3.78	4.37	3.95	2.48	2.98	2.30	3.87	4.41	1.61	10.19	1.53	4.28	45.75	3.33
1909	5.44	6.18	3.74	6.41	3.51	3.03	1.83	2.44	4.95	8.15	8.15	3.34	51.25	5.17
1910	5.98	5.82	1.05	2.51	2.27	3.82	2.71	2.82	1.81	1.94	5.69	2.96	38.88	7.20
1911	3.17	3.45	3.38	3.08	0.77	3.05	6.84	4.66	3.44	3.60	6.59	3.58	46.21	1.13
1912	4.88	4.00	7.51	3.87	4.71	0.39	2.32	3.30	1.49	1.26	3.83	6.16	43.92	2.16
1913	3.09	3.30	3.40	0.66	2.30	1.57	1.77	3.03	3.49	11.08	2.79	4.61	48.29	2.21
1914	3.92	4.82	5.42	5.43	2.90	1.00	4.62	3.40	1.67	2.20	3.47	6.73	45.30	.78
1915	10.35	3.95	0.09	3.47	2.30	4.58	2.72	6.19	1.55	4.22	2.37	4.99	46.71	.63
AV.	4.50	4.20	4.33	4.12	3.23	2.80	3.09	3.19	3.30	4.34	4.19	4.34	46.08	

The daily average low service consumption for the year was 502,000 gals., the high service, 798,000 gals., and the total 1,300,000 gallons.

The total consumption for the year was 474,338,000, of which the low service was 183,200,000, or 38.6 per cent., and the high service was 291,115,000, or 61.4 per cent. This total consumption of 474,338,000 gallons, is a decrease of 31,000,000 gallons, or 6.2 per cent. over the total consumption for 1914, which was 505,000,000 gallons.

The maximum daily average total consumption for one week was 1,663,000 gallons and occurred during the week of Sept. 19, and the minimum daily average total consumption for one week was 1,114,000 gallons, and occurred during the week of March 14.

The maximum daily average consumption for one week in 1914 was 2,205,000 gallons, and in 1915 was 1,663,000 gallons, a reduction of 542,000 gallons, or 29 per cent.

The minimum daily average consumption for one week in 1914 was 1,082,000 gallons, and for 1915 was 1,114,000, an increase of about 3 per cent.

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## RAINFALL

The rainfall table shown on the following page is a record of rainfall observations extending over a period of 29 years.

The average annual rainfall for this period has been 46.08", and the rainfall for 1915 was 46.71", or 0.63" above the average.



Here

out / Map

Insert

TABLE OF METERS NOW IN USE.

FOR WHAT USED	6 in	4 in	3 in	2 in	1½ in	1 in	¾ in	½ in	Total	T'l Amt. of wa- ter used through meters, gals.
Manufacturing	3	1	1		3	2	7	1	18	43,029,870
Domestic				3	2	12	38	209	264	30,520,630
Electric Lt. and Power Cos.		2						1	2	14,585,000
N. Y., N. H. & H. R. R.		1								9,188,340
Business Blocks				2		5	6	17	30	5,958,470
Hotels and Restaurants				2	1	1	2	12	18	5,270,860
Laundries				1	1				2	3,754,510
Shipping				1				1	2	2,427,670
State and County Buildings			1	3		2	2		8	2,054,260
Stables and garages				1		2	2	7	12	1,743,000
Miscellaneous				1		3			4	937,610
Greenhouses, Gardens, Golf Grounds, Etc.,				2	1	4	1	6	14	777,870
Construction							2	1	3	157,130
Fish markets								3	3	148,100
<b>Totals</b>	<b>3</b>	<b>4</b>	<b>2</b>	<b>16</b>	<b>8</b>	<b>31</b>	<b>60</b>	<b>258</b>	<b>382</b>	<b>120,533,310</b>

### METERS.

The above table shows the number of meters of various sizes in use, and the total quantity of water that passed through these meters in 1915. As a matter of possible interest the subdivision of metered use is made among various classes of consumers.

The total number of services on January 1, 1916, was 2,657, and the total number of meters was 382, therefore 14.4 per cent. of the services are metered. The total consumption for the year was 474,338,000 gallons, of which 120,533,300 gallons, or 25.4 per cent. was metered.

### CONSUMPTION IN MILLION GALLONS.

As a matter of record the following table is given, showing our high and low service and total consumption of water, and

the consumption of four of our largest metered consumers for the last eight years.

### Consumption in Million Gallons.

Year	High Service	Low Service	Total	American Woolen Co.	Plymouth Elec. Lt. Co.	N. Y., N. H. & H. R. R.	B. & P. St. Ry. Power Station
1908	235	210	445	63	4	18	4
1909	250	212	462	76	4	20	1
1910	269	188	457	48	6	20	1
1911	289	189	478	55	6.6	7	1.5
1912	309	191	500	54.9	7.3	7.6	2.4
1913	301	176	477	52.7	6.8	4	1
1914	327	173	505	64.5	7.2	4.5	1.9
1915	291	183	474	40.4	10.9	8.8	3.7

## POND ELEVATIONS—STORAGE DEPLETION AND ACCUMULATED RUN-OFF.

### *Pond Elevations.*

Plate I shows in graphical form the information that has been gathered during the past ten years with reference to the fluctuations in pond elevations and the consequent change in storage volume of Great and Little South Ponds.

The two lower curves on the sheet show the monthly fluctuations of Great and Little South Ponds. The dotted line indicating Little South and the next full line above, Great South Pond.

### *Storage Depletion.*

The next curve above is the storage depletion curve and shows monthly fluctuation of storage between full pond and grade 97.0, two feet above our intake pipe. From this curve we see

Insert  
Foldout /  
Here

that the maximum depletion of storage in 1915 was in November, and at that time we had 510,000,000 gallons in storage.

*Accumulated Run-Off.*

The curve at the top of the sheet is called an accumulated run-off curve, and is constructed and used as follows: The run-off from the South Ponds water shed is computed monthly as explained in previous reports, by adding algebraically the total monthly consumption to the monthly change in storage volume of the ponds. The aggregate run-off during the period these records have been kept (from June, 1907, to date) plotted monthly, gives the curve as shown.

The dotted straight line indicates a uniform rate of draft of 1,250,000 gallons daily. This line is drawn from the summit of the curve in March, 1908. The following information can then be read from the diagram: If a uniform rate of draft of 1,250,000 gallons daily since March, 1908, had occurred, there is no month between that date and January, 1915, when the aggregate run-off from the water-shed would have equaled the draft upon it.

In other words, 1,250,000 gallons daily may be considered as being the safe daily yield of the South Pond water-shed under weather conditions similar to those we have experienced during the past eight years. If a greater rate of draft than this occurred we may expect the additional quantity to be taken from storage in the ponds. Let us now see what has actually occurred.

From our pumping station records we find that the average daily consumption or average daily draft on our water-shed, for the past eight years, amounted to 1,301,000 gallons. Now we have just shown that the probable safe daily yield of the water-shed was 1,250,000 gallons, and it then becomes apparent that every day for the past eight years we have take from our source of water supply about 50,000 gallons more water than the water-shed is capable of yielding. If this conclusion is correct

we ought to find that this excess (amounting in eight years to about 149,000,000) has been taken from storage.

From the diagram of pond elevations the following information is obtainable.

On Jan. 1, 1908 the elevation of Great South Pond was 104.60

On Jan. 1, 1908, the elevation of Little South Pond was 104.30

On Jan. 1, 1916, the elevation of Great South Pond was 103.30

On Jan. 1, 1916, the elevation of Little South Pond was 102.90

The decrease in storage amounts to almost exactly 150,000,000, and confirms the previous calculation. In this connection it is interesting to observe that the average annual rainfall for the past eight years has been 45.75", which is only 0.33" below the average annual rainfall for past twenty-nine years of 46.08".

In view of the information presented it seems pretty difficult to escape the conclusion that every year that the average daily consumption exceeds 1,250,000 gallons, the excess is taken from storage, with a consequent lowering of pond level.

The following table shows the average daily water-shed yield and the average daily consumption for each year since 1908.

Year	Av. Daily Use	Av. Daily Yield
1908	1,220,000	1,174,000
1909	1,267,000	1,295,000
1910	1,251,000	1,056,000
1911	1,310,000	1,023,000
1912	1,370,000	1,505,000
1913	1,307,000	1,291,000
1914	1,383,000	1,368,000
1915	1,301,000	1,254,000
Average	1,301,000	1,246,000



REPORT OF MR. JOHN A. SKAKLE, OF EXAMINATION  
OF BARR PUMP.

This report takes the form of a letter to the Superintendent by Mr. Skakle and his conclusion is that "the present condition of the plant does not call for, nor justify any large expenditure of money, as the plant as a whole is in good condition."

It is naturally very gratifying to receive this report upon a pump that has been in practically continuous operation for more than eleven years, since June, 1904, and has pumped over 2,850,000,000 gallons.

A copy of Mr. Skakle's report follows:

May 21, 1915

From the Plymouth Cordage Company.

To

Mr. Arthur E. Blackmer,

Sup't Plymouth Water Works,

Plymouth, Mass.

Dear Sir—At the request of Mr. John H. Damon, I visited the pumping station of the town of Plymouth. Mr. Damon asked me to report on the condition of the pumps and the steam consumption.

On the first visit, May 11th, I tested the gages by comparison with a standard gage, and found them correct. Measurements were also taken for indicators and reducing motion.

May 18th, the following Tuesday, six sets of cards were taken on each engine, each end of the cylinder being taken on a separate card, in order that the exact shape could be clearly seen. So far as can be seen from the indicator cards, the pumps are in very good condition; in only one place, the compression of the low, is there any sign of leakage, but as this is so slight it may be over-looked. The high pressure cards on both engines show that they take steam during the entire stroke, due no doubt to the fact that the throttle is only a very small amount open.

# HIGH PRESSURE CYLINDER

Area of piston=78.54 sq. in.

$$S = 40$$

$$L = \frac{4.0625}{9.84}$$

Piston Speed =90 ft per min.

Constant number— Head End 1.0537

“ “ Water “ 1.0216

## LEFT HAND ENGINE

Water End

3.2997

3.3508

3.3099

High

Pressure

5.4916

5.4784

5.5444

Low

Pressure

Head End

3.3718

3.2764

3.3502

5.6380

5.4496

5.5169

Total H-P Left Hand Engine 17.6917

# LOW PRESSURE CYLINDER

Area of Piston= 254.46 sq. in.

$$S = 16$$

$$L = \frac{4.125}{3.878}$$

Piston Speed=90 ft per min.

Area piston rod=2.405 sq. in.

Constant number— Head end=1.3456

“ “ Water “ =1.3201

## RIGHT HAND ENGINE

Water End

3.26912

3.29976

3.37128

High

Pressure

5.33861

5.4916

5.4124

Low

Pressure

Head End

3.26647

3.3718

3.2032

5.6515

5.6515

5.5196

Total H-P Right Hand Engine 17.6313

Total H-P=35.3231

# STEAM CONSUMPTION

$$M = \frac{13750}{\text{M.E.P.}}$$

$$\text{M. E. P.} = \frac{\text{C. E.} \times \text{Wc} - (\text{H. E.}) \times \text{Wh}}{37,637} \text{ lbs.}$$

C. = Mean effective pressure.

E. = Proportion of the direct stroke complete at cut off.

H. = Proportion borne by the volume of the clearance to the volume of the piston displacement.

Wc = Proportion of return stroke uncompleted at compression.

Wh = Weight of one cubic foot of steam at cut off pressure.

      = Weight of one cubic foot of steam at the compression pressure.

Because of the fact that the cards were taken first on one side and then on the other, the horse-power may be inaccurate to a slight extent, but as the load was approximately the same, the difference, between the horse-power as found, and the true horse-power, will be so small that it is negligible.

The average horse-power found was 35.323. Details are in attached table.

The steam consumption was determined from formulæ by Prof. Whitaker of Massachusetts Technology, and was found to be 37.637 lbs. per horse-power per hour for one engine or 75.274 lbs. per hour for both sides. This is a very fair consumption for this type of engine.

In conclusion I would say that the present condition of the pumps does not call for, nor justify any large expenditure of money, as the plant as a whole is in good condition. It seems that if the cushioning valves were used a little more the stroke of the engine might be brought up the inch difference between the present stroke and the stroke for which it was built. This might at the same time relieve the noise a little.

Yours very truly,

J. A. SKAKLE.

## SCHEDULE

Showing number of feet of each size of pipe and number and size of gates, blow-offs and hydrants.

Size in inches	LENGTH OF PIPE IN FEET	No. of Gates	No of Check Valves	No. of Air Cocks	No. 10 in. B. O.	No. 8 in. B. O.	No. 6 in. B. O.	No. 4 in. B. O.	No. 2 in. B. O.	No. 1½ in. B. O.	No. Hydrants
30	80	1									
20	190			1			1				
18	7,424	4		8							
16	16,424	12		13	2	1					3
14	10,352	11	1	9							3
12	11,230	28		6			2	1			15
10	35,209	58		8	1		3				32
8	30,339	71	2	5				1	2		38
6	50,499	132		5				4	3		60
4	76,302	180		7			3	3	7		70
3	7,249	12						1	1		2
2½	458										
2	45,578	110		3					5		2
1½	382	2								1	
1	1,407	7									
¾	985	2									
	294,108	630	3	65	3	1	9	10	18	1	225

## PUMPING STATION

On the following page is shown the pumping station records for the year, giving in detail the usual information.

On July 19th, a meter was set on the suction pipe of the boiler feed pump, and for the twenty-four weeks between July 19, 1915, and January 2, 1916, 29,718 cubic feet, or 1,857,375 lbs. of water was evaporated by 225,695 lbs. of coal, an average of 8.23 lbs. of water per lb. of coal.

## PUMPING RECORDS, 1915.

The following page shows the analysis made by the State Board of Health at frequent intervals during the year, 1915, of the water from Great and Little South and Boot Ponds.

Respectfully submitted,

ARTHUR E. BLACKMER,

*Superintendent.*

## PUMPING RECORDS, 1915.

The pumping station records shown on this page give in detail the amount of water pumped, fuel used, etc., at the pumping station during the year 1915.

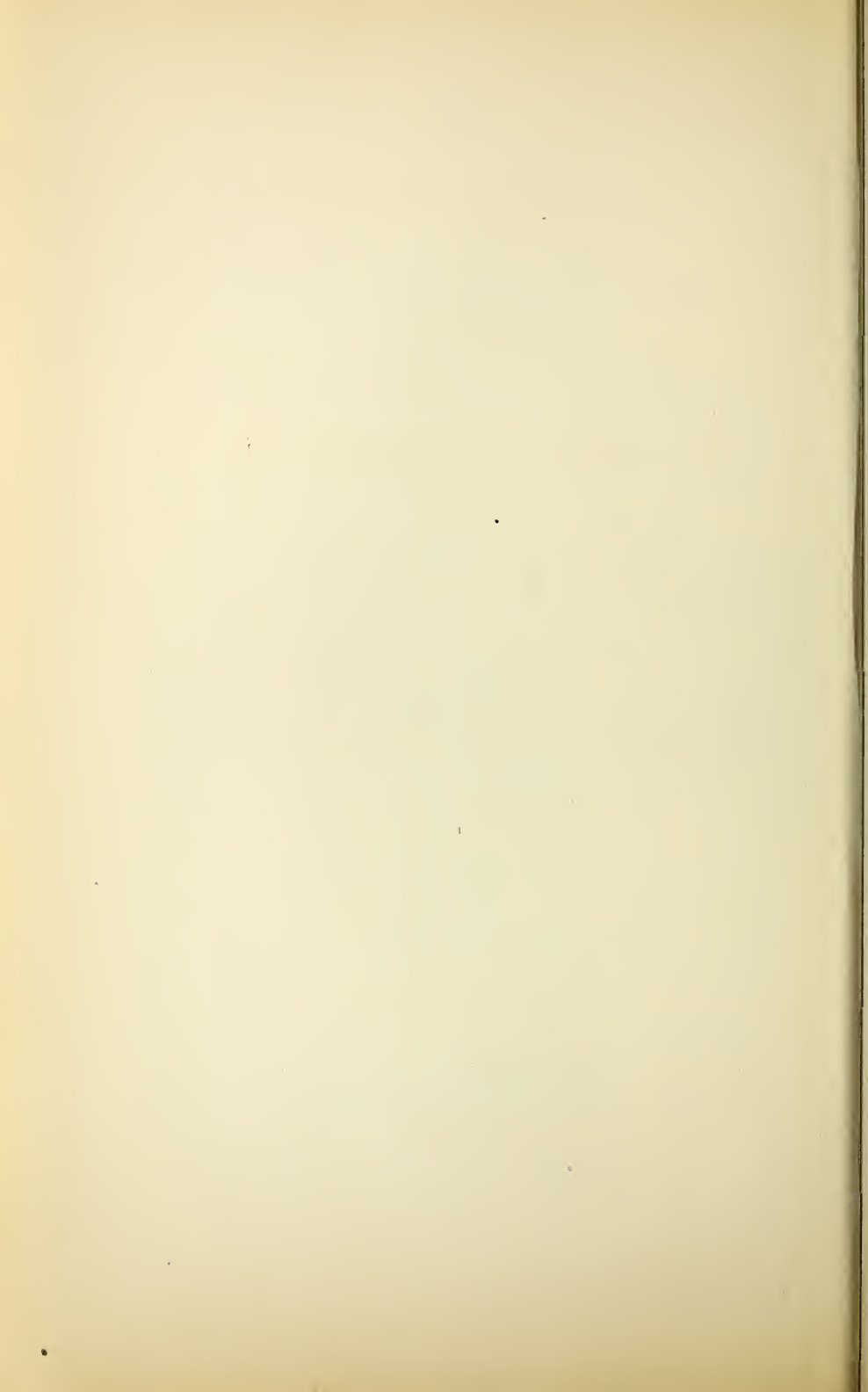
MONTHS	Hours run	Total lbs. fuel used	No. gallons pumped	Total No. Gals. low service	Rain in inches	Average temperature		Daily average water pumped gallons	Daily average fuel pounds
						Max.	Min.		
January . . . . .	215%	41,085	22,819,150	14,892,000	10.35	36	23	736,101	1325
February . . . . .	200 1/2	37,035	20,842,600	13,642,000	8.98	37.53	23.9	744,375	1322
March . . . . .	209	37,980	21,453,300	14,672,000	.09	39.8	22.8	692,209	1221
April . . . . .	203 1/2	36,865	20,905,150	14,252,000	3.47	64	36	696,888	1228
May . . . . .	231	39,925	23,708,050	16,484,500	2.20	62	45	764,775	1287
June . . . . .	205 1/2	47,225	30,411,000	17,158,500	4.58	60.66	53.3	1,013,700	1574
July . . . . .	200 3/4	42,305	30,370,000	15,290,000	2.72	75.9	59.54	976,451	1525
August . . . . .	250 1/4	41,350	26,410,700	14,608,000	6.19	73.9	60.1	851,958	1334
September . . . . .	260 1/4	44,505	27,547,750	15,903,000	1.15	72.4	55.5	918,258	1483
October . . . . .	220 1/2	39,670	23,538,800	16,361,000	4.22	59.25	44.5	759,316	1279
November . . . . .	204 1/2	87,240	30,980,700	14,686,000	2.37	49.83	37.33	698,690	1241
December . . . . .	215 3/4	40,130	22,243,800	15,361,000	4.99	37	23.87	717,542	1294
	2,828 3/4	490,235	291,115,900	188,223,000	46.71				

	Hours run	Total lbs. Fuel used	No. gals. pumped	Av. No. lbs. coal	Average duty for year
New pump . . . . .	2800	485,895	289,024,400	595.4	35,726,000
Old pump . . . . .	25 3/4	4,900	2,091,500	426.9	25,610,000



# WATER ANALYSIS, 1915.

No.	DATE OF COLLECTION, 1915	APPEARANCE		RESIDUE ON <sup>2</sup> EVAPORATION			AMMONIA				(CHLORINE	NITRO-GEN AS		OXYGEN CONSUMED	HARDNESS	NAME OF POND	
		TURBID-ITY	SEDIMENT	COLOR	TOTAL	LOSS ON IGNITION	FIXED	FREE	ALBUMINOID			Nitrates	Nitrites				
									TOTAL	IN SOLUTION							IN SUSPENSION
122148	Feb. 15	V. Slight	V. Slight	.00	2.50	0.75	1.75	.0028	.0234	.0246	.0048	.71	.0010	.0000	13	0.3 .008	Little South
122149	Feb. 15	V. Slight	V. Slight	.01	2.80	0.80	2.00	.0092	.0412	.0280	.0132	.75	.0000	.0000	22	0.2 .010	Great South
122150	Feb. 15	V. Slight	Slight	.01	2.25	0.70	1.55	.0028	.0416	.0332	.0084	.57	.0000	.0000	.09	0.2 .010	Boat
123251	April 19	V. Slight	Slight	.00	2.80	1.09	1.80	.0020	.0150	.0126	.0024	.71	.0000	.0000	.14	0.2 .015	Little South
123252	April 19	V. Slight	V. Slight	.00	2.80	0.90	1.90	.0020	.0128	.0098	.0030	.78	.0000	.0000	.07	0.2 .010	Great South
123253	April 19	V. Slight	Slight	.03	3.20	1.00	2.20	.0014	.0206	.0186	.0020	.70	.0000	.0000	.07	0.2 .008	Boat
124293	June 14	V. Slight	Slight	.05	2.75	0.75	2.00	.0012	.0254	.0158	.0096	.72	.0020	.0000	.05	0.2 .012	Little South
124294	June 14	V. Slight	V. Slight	.00	2.70	0.85	1.85	.0020	.0136	.0118	.0018	.70	.0010	.0000	.65	0.2 .008	Great South
124295	June 14	V. Slight	V. Slight	.06	2.85	0.85	2.00	.0028	.0250	.0230	.0020	.70	.0020	.0000	.07	0.2 .006	Boat
125716	Aug. 16	Slight	Slight	.00	.....	.....	.....	.0040	.0236	.0186	.0050	.74	.....	.....	...	0.2 .015	Little South
125717	Aug. 16	V. Slight	V. Slight	.00	.....	.....	.....	.0036	.0140	.0124	.0016	.66	.....	.....	...	0.3 .008	Great South
125718	Aug. 16	V. Slight	V. Slight	.00	.....	.....	.....	.0036	.0236	.0172	.0064	.67	.....	.....	...	0.2 .012	Boat
127115	Oct. 19	V. Slight	V. Slight	.00	2.75	0.90	1.85	.0026	.0198	.0160	.0038	.69	.....	.....	...	0.2 .005	Little South
127116	Oct. 19	V. Slight	V. Slight	.00	2.70	0.80	1.90	.0020	.0144	.0108	.0036	.73	.....	.....	...	0.2 .003	Great South
127117	Oct. 19	V. Slight	slight	.00	3.40	1.25	2.15	.0038	.0236	.0196	.0040	.74	.....	.....	...	0.2 .008	Boat



**ANNUAL REPORT**

**OF THE**

**SCHOOL COMMITTEE**

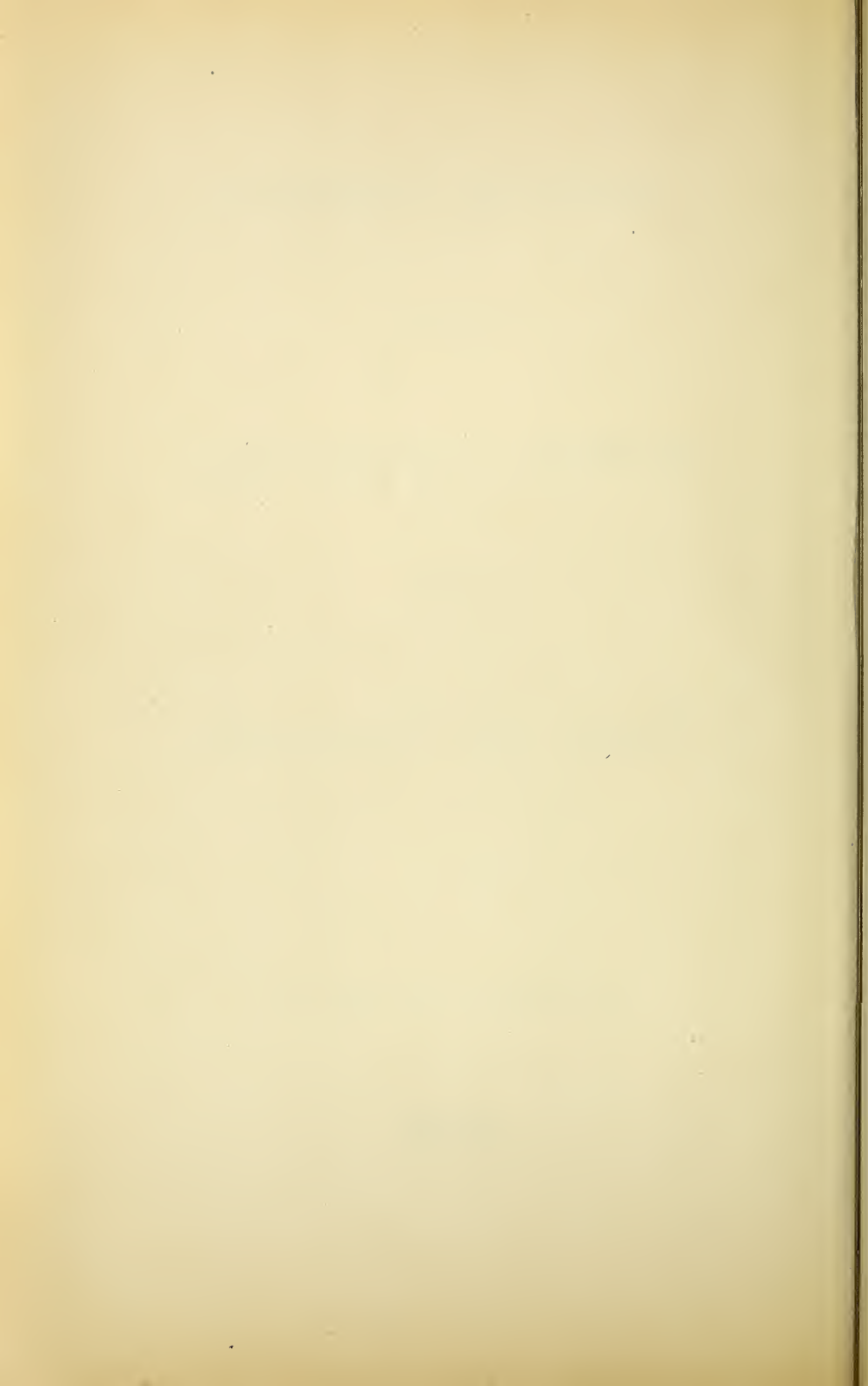
**OF THE**

**Town of Plymouth**

**FOR THE**

**Year Ending December 31,**

**1915**



## SCHOOL COMMITTEE

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	Term Expires
William M. Douglass, Chairman,	1917
George C. Peterson, Secretary,	1916
Helen F. Pierce,	1918

The regular meetings of the School Board are held at 7.15 p. m. on the first and third Tuesdays of each month.

Superintendent of Schools, Charles A. Harris.

Office open from 8.30 to 12 a. m., and 1.30 to 5 p. m. every school day.

Office hours of the Superintendent of Schools, 4 to 5 p. m., Monday, Wednesday, Friday.

7 to 8 p. m. every Wednesday.

Attendance Officer, John Armstrong.

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## SCHOOL CALENDAR FOR 1915-1916.

Term opened Wednesday, September 8, closed Thursday, December 23, 16 weeks.

Term opened Tuesday, January 4, closes Friday, April 14, 15 weeks.

Term opens Monday, April 24, closes Friday, June 23, 9 weeks.

Fall term, 1916, begins Wednesday, September 6.

### VACATIONS.

April 14, 1916, to April 24, 1916.

June 23, 1916, to September 6, 1916.

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### HOLIDAYS.

Washington's Birthday, Patriots' Day, Memorial Day, Columbus Day, Thanksgiving Day and the day following.

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### SCHOOL SESSIONS.

High School—8 a. m. to 1 p. m.

Nathaniel Morton School—8 a. m. to 1 p. m.

All others except the outlying schools, 9.00 to 11.45 a. m.;  
1.30 to 3.45 p. m.

First grade is dismissed 15 minutes earlier than the other grades.



## FINANCIAL REPORT

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### 1914, ADDITIONAL.

#### RECEIPTS.

Appropriation,	\$2,254 96
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#### EXPENDITURES.

General Expenses,	\$157 50	
Salaries,	129 50	
Text books and supplies,	430 21	
Tuition,	18 00	
Transportation,	227 50	
Janitors,	115 00	
Fuel and light,	570 76	
Furniture, etc.,	272 43	
Medical inspection,	53 98	
Repairs,	280 08	
	<hr/>	\$2,254 96

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### 1915.

#### RECEIPTS.

Appropriation, March 27, 1915,	\$76,000 00	
Appropriation, October 23, 1915,	3,500 00	
Income from Murdock Fund,	18 48	
	<hr/>	\$79,518 48

# EXPENDITURES.

General Expenses,	\$3,808 12	
Teachers' Salaries,	51,775 08	
Text Books and Supplies,	4,472 41	
Tuition,	80 50	
Transportation,	1,907 07	
Support of truants,	108 30	
Janitors' Salaries,	5,981 85	
Fuel and Light,	6,225 35	
Maintenance of Buildings and Grounds,	3,798 16	
Furniture and Furnishings,	110 60	
Other Expenses,	148 98	
Medical Inspection,	1,096 78	
	<hr/>	\$79,513 20
		<hr/>
		\$5 28

## HEDGE SCHOOL ADDITION.

Balance from 1914,	\$36 15	
	<i>Payments.</i>	
Window Boxes,	\$28 00	
	<hr/>	\$8 15

## NEW SCHOOL AND FURNISHINGS.

(Morton School.)

Balance from 1914,	\$382 10	
	<i>Payments.</i>	
Heater, tables, etc.,	\$160 00	
	<hr/>	\$222 10

ADDITION TO HIGH SCHOOL.

Balance from 1914,	\$3,111 14
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*Payments.*

Carpentering,	\$505 14
Furniture,	2,386 53
Freight,	110 73
Miscellaneous,	28 03

Total Payments,	<u>\$3,030 43</u>
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Balance remaining,	<u>\$80 71</u>
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## BUDGET FOR 1916.

### GENERAL EXPENSES.

Salary of Superintendent,	\$2,250 00	
Salary of Office Clerk,	355 00	
Salary of Truant Officer,	180 00	
Printing, postage, etc.,	375 00	
Printing Rules and Regulations,	50 00	
Telephones,	40 00	
Travelling Expenses,	375 00	
School Census,	75 00	
Freight and express,	200 00	
All other general expenses,	150 00	
	<hr/>	\$4,050 00

### TEACHERS' SALARIES.

Day,	\$52,320 00	
Evening,	500 00	
Summer,	380 00	
Additional,	1,500 00	
	<hr/>	\$54,700 00

### TEXT BOOKS AND SUPPLIES.

Typewriters for Junior High,	\$250 00	
Text and Reference Books,	2,750 00	
Paper and Blank Books,	1,500 00	
Drawing Materials,	25 00	
Manual Training Supplies,	150 00	
Domestic Science Supplies,	500 00	
All other supplies,	150 00	
	<hr/>	\$5,325 00

### TUITION.

Tuition,	\$100 00
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### TRANSPORTATION.

Transportation,	\$600 00	
Carfare,	1,500 00	
	<hr/>	\$2,100 00

### SUPPORT OF TRUANTS.

Support,		\$150 00
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### JANITORS' SALARIES.

Day,	\$6,470 00	
Evening,	30 00	
	<hr/>	\$6,500 00

### FUEL AND LIGHT.

Coal and Wood,	\$6,000 00	
Gas and electricity,	600 00	
	<hr/>	\$6,600 00

### MAINTENANCE.

Carpentry and Painting,	\$1,000 00
Plumbing,	850 00
Lumber, Brick, etc.,	150 00
Flags and Flag staffs,	50 00
Janitors' Supplies,	800 00
Telephones,	200 00
Ashes and Rubbish removed,	200 00
All other,	1,000 00
Mt. Pleasant Yard,	150 00
Mt. Pleasant Rooms,	100 00
Knapp School Yard,	150 00
Knapp School Fence,	50 00

Knapp School Rooms,	100 00	
Cedarville redecorated,	75 00	
Russell Mills painted, inside and out,	200 00	
Cliff Street, building painted,	150 00	
Hedge School Yard,	100 00	
Burton Building painted,	400 00	
Cornish Building, Halls redecorated,	75 00	
	<hr/>	\$5,800 00

#### FURNITURE AND FURNISHINGS.

Desks, chairs, etc.,	\$250 00	
Clocks,	40 00	
All other,	35 00	
	<hr/>	\$325 00

#### OTHER EXPENSES.

Diplomas and Graduation Exercises,		\$150 00
Medical inspection,		
School Physician,	\$450 00	
School Nurse,	600 00	
Office and other supplies,	150 00	
	<hr/>	\$1,200 00
Total,		<hr/> \$87,000 00



## REPORT OF SCHOOL COMMITTEE

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In presenting our report this year and in requesting an appropriation for next, the School Committee has decided that the school expenses are such a considerable part of the town's expenditures, that the voters should have this request presented in budget form, rather than as a lump request for so much money. We therefore are presenting to you, together with the financial statement of last year, a financial statement for the next, as nearly as it can be forecast.

In connection with this there are two items upon which we wish to comment.

*Teachers' Salaries* is based upon our actual needs as shown by the present weekly pay roll. The additional amount asked is for the purpose of raising teachers' salaries for the next fall term, and if granted will mean a proportionate increase for next year. By consulting town reports for the last ten years you will find that the School Committee has been calling attention to the fact that the comparatively low maximum that we have, has resulted in a steady draining of our best teachers, (with the exception of those whom loyalty or home ties hold in our schools) to other communities, a number of which are smaller than Plymouth. In the Superintendent's report you will find a list of smaller towns in this vicinity whose maximum pay is much larger than Plymouth's. The supply of good teachers is falling short of the demand, and our losses this year are heavy. We have therefore put this item of additional pay separately in the budget, that the town meeting may decide whether it wishes to pay our teachers better, and aid the committee in holding the best.

In *Maintenance* the committee has taken as a minimum the expenses of last year, during which time we have only done such work as was necessary and could not be put off. This amount for current repairs and upkeep may be assumed to be permanent. To this amount we have added items of work which should have been done last year, but as they could be deferred, we let them go until this year, owing to lack of funds. They should be put off no longer.

The problem of housing our pupils has again become pressing. The conditions in the north end of the town are crowded, and the temporary retardation, owing to raising the admission age, having passed, we may look for larger first grades in the Fall.

We now use three school-rooms in the South Street Engine building, which has never been accepted by the State for school purposes, except in emergencies.

Classes in the Mount Pleasant School are larger than they should be.

Pupils in the Chiltonville Grammar are far short of receiving the advantages of Grammar scholars in the Morton Building, and the Committee think that, by closing that school and transporting the scholars to town, their educational facilities would be largely increased.

Our Junior High School has been a pronounced success as far as we have carried it, and we now feel justified in extending its advantages to all the pupils of the 7th, 8th and 9th grades.

This we can do, and remedy all the conditions mentioned, by adding eight rooms to the Morton Building. When this building was built, the Committee advised the town that it would soon have to be enlarged, and their prophecy has been justified.

These new eight rooms will take all pupils out of the engine house, relieve the north end of the town temporarily, by transferring two rooms of 7th and 8th grade pupils, take one grade from the Mt. Pleasant School, and two from the Cornish. At the same time we can transfer our Manual Training and Domestic Science departments to this building, where all the grade

scholars that use these rooms will be housed, thus saving the time now wasted in going to and fro.

This building will take care of the needs of the Junior High for a long time, and with the exception of a new building somewhere in the north end of the town, which will probably be needed in a few years, the Committee predicts that no new buildings will be needed for years to come.

In conclusion we wish to say that the air is full of new theories of education, largely concerned with vocational and prevocational training. Your committee are avoiding everything untried and simply theoretical, leaving others to be the pioneers, and prove the true from the false. We feel, however, that all this agitation is based upon a real and crying need of our schools, and are diligently searching for approved advantages. What we know to be safe and wise, we think that our children should have, as well as the scholars of any other community. Such things as we are sure will tend to their greater efficiency and value as citizens we are putting in our schools, and shall continue so to do, as long as we are supported by the intelligent generosity of the town.

It is as difficult to avoid the Scylla of theory and experiment, as it is the Charybdis of conservatism and parsimony.

This course we feel that we have so far steered, with the result that we have a school system in the forefront of the state, without having made any experiments which results have shown to be unwise.

We submit herewith the reports of the Superintendent and School Physician, for both of which we bespeak your thoughtful attention.

HELEN F. PIERCE,  
GEORGE C. PETERSON,  
W. M. DOUGLASS.

## SUPERINTENDENT'S REPORT

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To the School Committee of Plymouth:—

I herewith submit for your consideration my third annual report.

The school year 1915-1916 began with practically the former corps of teachers, since only four teachers in the grades below the High School, tendered their resignations during the summer months. Three of these secured other positions which were more remunerative, and the fourth, who had taught a year successfully after graduation from the high school, decided to attend Normal School.

Several changes took place at the High School, and two additional teachers were engaged, one to teach half time at the Morton building and the other to hold three recitations weekly at the same building. This was necessitated by the increase at the High School, by the desire to improve conditions at the Junior High School, and by the requirements of the State Board of Education whereby the principal in a school of more than 300 pupils, is not expected to instruct more than two classes.

A few changes have taken place since the opening of this school year, but the vacancies have been filled by competent teachers so that the work is going on with practically no interruption.

### 1920

The next four years should be one of struggle in order to place Plymouth educationally in the front rank of towns of its size and importance. Our schools are commendable at the present time, but much remains to be done. In less than a half decade

the eyes of the country, yes, of the world, will be turned Plymouthward. Should we have everything that is praiseworthy, except an adequate educational system, Plymouth will be on the defensive. The work of erecting new buildings and renovating old ones, has been going on for some time at considerable cost. In order, however, to obviate crowded conditions and to provide for further extension of the system for abnormal, subnormal and supernormal children, prevocational and vocational courses, and other items which schools of yesterday never dreamed of, we must make every year count. On the other hand, however, we must not undertake a single new feature for the mere sake of display, so that when we recover from the excitement of 1920, and the life of Plymouth assumes its normal condition, and we find ourselves going along the former regular routine, we shall not unexpectedly discover ourselves burdened with an educational "white elephant." The advance must be sound and sane. We must adopt only what we are willing to have as a regular yearly expense thereafter.

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#### MATERIAL CO-OPERATION.

While the citizens have appropriated the funds necessary to defray the expenses of the schools, the teachers themselves have not been idle. In the Nathaniel Morton building is a new piano, purchased through the exertions of teachers and pupils. At this same building, History, Geography, etc., are taught with the aid of a reflectoscope, purchased from funds earned through sales and entertainments. The teachers at the Hedge school, anxious to have the building and grounds present a more attractive appearance, have been to considerable expense in planting ivy near the foundation walls, and shrubs and trees about the grounds, thus displaying a genuine interest in the town's property as well as in the children's environment. The teachers here have not only taken an interest in the external appearance of the building, but have purchased from their own earnings several appro-



priate pictures, which add much to the appearance of the interior. The teachers and pupils at the Cornish building were enabled to contribute about \$150 toward a piano from the proceeds of an entertainment. One teacher at the Burton School won a prize of \$10.00 by sending to a certain firm a photograph of her school with the Victrola in a conspicuous place in the picture. This sum is to be expended in purchasing suitable pictures for the school rooms. The apparatus given by the Woman's Club for the playground near the Cornish School has been put out in the morning and taken in at night by several of the boys in grade eight, under the direction of the janitor. The teachers and pupils at the Knapp building purchased a piano from proceeds of an entertainment. Fifteen Victrolas have been purchased by the various schools, so that folk dancing and marching may be conducted with pleasure and profit, besides affording an opportunity to hear classical selections from musical artists. The cost of records for these instruments is no small item, but the schools are cheerfully meeting this expense. At the High School may be seen the beautiful and expensive State flag. Here also is appreciated the Victrola which, with the records that range in cost from \$2 to \$7 each, is valued at several hundred dollars. Both the above were purchased through the efforts of the teachers and the pupils. Not only is the interest aroused in the larger buildings, but the teachers and pupils of the outlying schools are doing their part as well. For example, there are Victrolas at Manomet, Chiltonville Grammar, Cold Spring, Alden Street and Wellingsley schools. This acquired property belongs to the town, and are assets accumulated through the interest of the teachers and activities of the children.

The main divisions of this report are as follows:—

- I. KINDERGARTENS, (Under 6 years).
- II. ELEMENTARY SCHOOLS, (Grades I-VI.).
- III. JUNIOR HIGH SCHOOL, (Grades VII-IX.).
- IV. SENIOR HIGH SCHOOL.
- V. MISCELLANEOUS.



## I. KINDERGARTEN.

By a vote of the school board no child may enter school unless he shall have attained the age of six years before January first of that school year. This is in accord with the drift of the times, and the theory of educators. The latter, however, do not mean that a child should not be instructed at public expense before the age of six. They simply mean that a child should not enter the first grade, so called, before that age.

In the last annual report a little was written under the heading "Kindergarten." This part of the school system, through years of vicissitudes, is now deemed an essential part of an up-to-date educational department. Private kindergartens, as good as they are, do not many times dovetail into the work of the first grade. The work of the kindergarten and the first grade, to be carried on to the greatest advantage, should be under the same management.

Many parents, for various reasons, find it impossible to send their children to private schools for sub-primary work, and since the entrance age has been raised to six, the question of establishing public kindergartens should be considered.

The compulsory entrance age, according to the statute, is seven years. The town of Plymouth has, in its public schools at the present time, 311 pupils under that age. In other words, we are maintaining schools and employing eight or ten teachers, when we are not compelled to do so by law. Since we are doing this, and since it is generally conceded that children between 5 and 6 can profit by school life, the suggestion of establishing kindergartens seems to be pertinent.

The first educational unit in any school system should be the kindergarten.

## II. ELEMENTARY SCHOOLS.

In the elementary schools, were the foregoing re-organization perfected, would be 1,724 pupils based on the statistics at hand. These pupils are now taught by 48 regular and 3 special teachers. The subjects pursued are the same that have been taught for years with more or less success. These schools have by no means reached the paragon of perfection anywhere, but marvelous improvement is being made. With all the defects observed in the product which the schools of today put on the market, it surpasses as a whole the product which issued from the schools of yesterday. This will always be a debatable question, for it is a frailty of human nature to think that we were smarter in our youth than we really were.

The schools of today, if they are striving to meet the needs of the child, are using the prescribed course merely as a means to develop the child rather than to cause the child to memorize so much subject matter.

The Elementary schools, (Grades 1-6), give instruction in

Reading,	Required by law since	1642
Writing,	" " "	1647
Moral Training,	" " "	1789
Spelling,	" " "	1789
Language,	" " "	1789
Arithmetic,	" " "	1789
Geography,	" " "	1827
History of U. S.,	" " "	1857
Drawing,	" " "	1870
Physiology and Hygiene,	" " "	1885
Music,	Permissive by law since	1860
Manual Training,	" " "	1884
Sewing,	" " "	1876
Thrift,	" " "	1910
Nature Study,		
Physical Exercises,		

The distribution of the school population, based on the planned re-organization follows:—

	Total	Boys	Girls
Grade I,	306	149	157
Grade II,	271	127	144
Grade III,	360	188	172
Grade IV,	302	156	146
Grade V,	274	135	139
Grade VI, .	211	93	118
	—1724	—848	—876
Grade VII,	175	83	92
Grade VIII,	151	72	79
Grade IX,	74	35	39
	— 400	—190	—210
Special School, South Street,	12	9	3
High School,	312	147	165
	<u>2448</u>	<u>1194</u>	<u>1254</u>

### A PRACTICAL SUBJECT.

Thrift is one of the subjects, the instruction of which is rendered permissive in the public school by an enactment of the General Court in 1910. This was followed by an act passed by the legislature in 1911, authorizing savings banks to receive deposits from school children. The plan of the practical application of this subject varies in different communities, but the one which was adopted in Plymouth in 1913 was the School Savings Bank system. Credit for the installation of this system is due to a former superintendent, Mr. F. J. Heavens, and the members of the Committee serving at that time. This School Savings Bank movement is not of recent origin, but was known in the school world nearly forty years ago.

Our Course of Study for Elementary Schools, adopted in 1914, incorporates the following as a guide to teachers in the instruction of the subject:—

*Thrift.*

Instruction in Thrift was rendered permissive by a law of 1910, although “industry” and “frugality” have been taught since 1789.

Thrift is a practical subject. It consists of the utilization of common sense. Teach the importance of knowing how to earn, how to spend, and how to save. Useless spending is a habit. Impress the necessity and duty of economy on behalf of individuals as well as for the State and the Nation. Show how the spendthrift is an enemy to himself and to the public. He who helps himself, helps the world. Have pupils see the difference between a self-supporter and a drone.

Show how thrift produces capital, and how capital in turn employs the thriftless. Emphasize the fact that any person may be in a greater or less degree a capitalist. The thriftless work along the line of least resistance, while the thrifty must practice self-denial which strengthens the character. Show how society suffers much at the hands of the improvident. Show that anyone can make money—only the wise know how to spend it. Many must begin with the penny. The period of youth should be the time to practice thrift. One must spend less than he earns. Many men smoke four ten-cent cigars every day, how much would they spend in one year? Show like waste by citing expenditure for candy, etc.

Emphasize the fact that we should not be miserly and penurious. Tell of the Stamp Savings System, the School Savings Bank System, etc. Value of life insurance—different kinds.

Emphasize the fact that thrift does not consist merely in saving money. If “Time is money,” save time. Do this by using it to the best advantage to one’s self and others.

Have pupils learn the following quotation from Horace Mann :

“Lost, yesterday, somewhere between sunrise and sunset, two

golden hours, each set with sixty diamond minutes. No reward is offered, for they are gone forever."

A loafer is as hostile to society as a spendthrift.

The following is taken from a bulletin issued by the United States Bureau of Education:—

"It is very difficult to teach thrift to men and women who have grown up ignorant of its first essentials. In children, however, we have unwrought material to work with, and we can as readily impress them with the habit of economy as we can teach them arithmetic and geography. Frugality is one of the most important factors of citizenship. When every boy and girl in the country has a bank account of from \$100 to \$400 at the time of graduation from the elementary school course—an achievement possible in any community where school savings banks are in operation—the future will be far more secure. An accumulated fund of this sort makes it possible for the boy or girl to engage in a small business, go on with higher study, or do whatever most appeals to him or her."

"Instruction in conserving money and applying it wisely can not be impressed too early on a child; the early lessons in the employment of money belong to the schoolroom. The postal savings directors and receivers, be they ever so anxious to help the children, have little opportunity to do so. Children who have expended their pennies, nickels, and dimes in candy shops and moving picture shows until they are 10 years old, with no thought of self-denial, may later go to the postoffice with a dime and buy one of the cards, but they are very likely not to have the perseverance to hold the card until they accumulate the \$1 that is to be exchanged for a certificate of deposit. School savings banks are needed to prepare young people, especially those who have no careful home training, to profit by the postal savings opportunity."

Through the courtesy of the bank officials we present the following:—



*Data Relative to the School Savings Bank System of Plymouth,  
Massachusetts.*

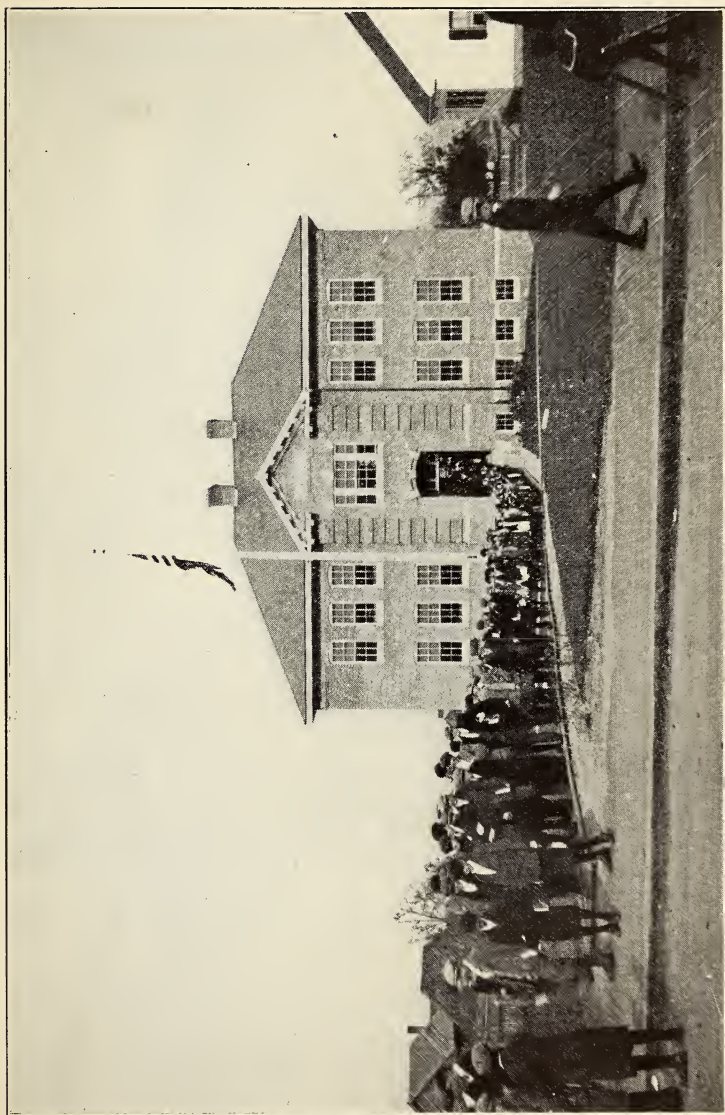
	Oct. 31 1914	Oct. 30 1915
Date of introduction—January 28, 1913.		
No. schools in which the system was in operation,	7	7
No. rooms in which the system was in operation,	27	28
No. enrolled scholars in such schools,	1049	1090
No. enrolled depositors,	402	259
Amount of deposits,	\$1,690.03	\$1,202.15
No. of withdrawals,	65	27
Amount of such withdrawals,	\$38.99	\$19.63,
Amount to credit of depositors in the school savings bank,	\$206.29	\$116.99
No. of scholars to whom savings bank pass books have been issued for year,	137	106
Amount of deposits transferred from school savings to savings bank pass books for year,	\$1,651.39	\$1,271.82
Amount to the credit of the school savings bank, January 10, 1916,		\$721.72

### III. THE JUNIOR HIGH SCHOOL.

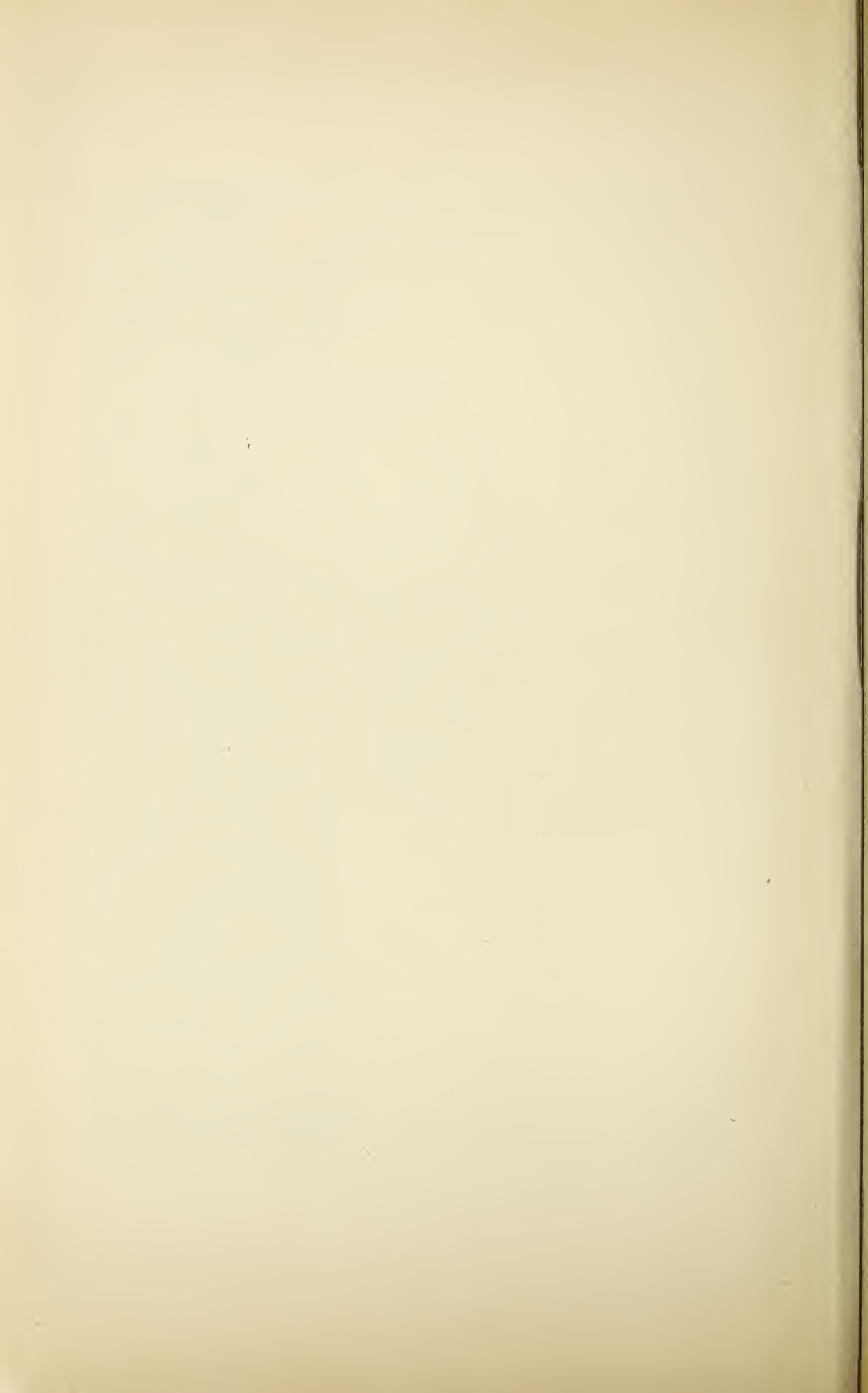
(Organized September, 1914.)

The modern school system is based on the conviction that six years is long enough to teach the elementary subjects. In these grades the pupils, year by year, are under one regular teacher who gives instruction in all the subjects required by the course. The consensus of opinion of educators is that the work in the





JUNIOR HIGH SCHOOL  
Organized September, 1914



seventh and eighth years should be differentiated. From this point on, the amount of specialized work should be constantly increasing, until the young man or the young woman about to enter life's work is skillful in something which will be advantageous, not only to himself, but to the community at large.

A Junior High School proper is composed of the seventh, eighth and ninth grades where twelve grades constitute the entire school system. It is a modified type of the present High School.

The prevailing function of the school work immediately preceding the High School course is to enable the pupil to determine, in conjunction with parents and teachers, for what line of work he is best fitted. This can be carried out completely, only when more numerous courses are offered than equipment and funds at present will warrant, and a vocational guidance director becomes a member of the teaching staff. As it is, however, a beginning has been made. At the Nathaniel Morton building are housed two eighth and two ninth grades. Departmental work is one pronounced feature. The pupils of the eighth grade receive instruction from the four regular teachers, who have a limited number of subjects to teach, and from three special teachers. The pupils of the ninth grade receive instruction from the four regular teachers and six special or part-time teachers. The pupils go from room to room for recitation purposes, thus approaching the Senior High School condition. Moreover, the fact that these pupils of the ninth grade are meeting during the week, nine or ten different teachers, with their varying methods and personalities, makes their entrance to the Senior High School one of harmonious transition, instead of a combination of abrupt ending and uncertain beginning. Heretofore the chasm has been too great. The articulation of the Junior and Senior High Schools has been made more pronounced by having three High School teachers give instruction at the Junior High School. The total number of pupils per teacher is well nigh ideal, probably unsurpassed anywhere in the State.

The advantages of a Junior High School are so marked that all pupils belonging to grades seven, eight and nine ought to be placed under its instruction and influence as soon as possible. In order to have a modern school system by 1920, no better step can be taken than by thinking seriously of making such an institution a permanent part of the education department.

The cost per pupil in a Junior High would approximate the midway cost of the elementary school and the High School. This is approximately the present cost, since the teacher in Manual Training, in the line of woodworking, gives instruction to boys in grades seven, eight and nine. Again, the teacher of Domestic Science and Sewing gives instruction for the most part to girls of grades seven, eight and nine. In other words, the cost of instruction per pupil in the upper grammar grades exceeds the cost of instruction in the elementary grades, as does the cost of instruction per pupil in the High School exceed the cost per pupil in the upper grammar grades.

Vocational studies pursued at the Junior High:—

- a. Domestic Art (Sewing).
- b. Domestic Science (Cooking).
- c. Manual Training (Woodworking).
- d. Commercial Work (Bookkeeping and Typewriting).
- e. Drawing (Mechanical and Free Hand).

We should introduce:—

- f. Home Gardening Course.
- g. Printing.

Other Studies pursued are:—

History	Business English
Arithmetic	Physics
Spelling	Chemistry
Literature	Latin
Civil Government	Music
Geography	Penmanship
	Physical Training

# DISTRIBUTION OF PUPILS IN STUDIES PURSUED

## AT THE JUNIOR HIGH SCHOOL

Subject—	Boys	Girls
Cooking,		76
Sewing,		39
Manual Training,	60	
Bookkeeping,	26	30
Typewriting,	23	26
Drawing,	60	76
History,	60	76
Geography,	42	56
Arithmetic,	60	76
Spelling,	60	76
Literature,	60	76
Music,	60	76
Civil Government,	30	40
Penmanship,	60	76
Business English,	30	40
Physics,	30	40
Chemistry,	20	17
Latin,	4	7

The characteristic features of our Junior High School are these:

- a. Differentiated courses.
- b. Departmental teaching.
- c. Circulation of pupils.
- d. Number of pupils per teacher well-nigh ideal.
- e. Instruction aided by use of reflectoscope.
- f. Articulation with High School accomplished by having Senior High School teachers give part-time courses.
- g. Pupils instructed by from six to ten different teachers.
- h. Judicious system of electives.
- i. Introduction of practical courses.



- j. One regular Junior High School teacher a college graduate.
  - k. Transition from grade to grade accompanied by an increasing number of teachers per pupil.
  - l. Contemplation of promotion by subjects, and not by grades.
- 

## HOUSEHOLD ARTS

The Departments of Household Arts, both at the High School and in the elementary schools, have been very successful. All girls of Grades 7, 8 and 9, with the exception of those at Long Pond, Cedarville, Vallerville and Manomet, receive instruction in cooking some time during the year.

Naturally the courses in the elementary schools differ from the courses given at the High School. The work of the former in both cooking and sewing is given from the standpoint of manual training. It is here that pupils are taught how to do, that is, the emphasis is placed on manipulation. In the High School the viewpoint changes to one of emphasis on the reasons for doing.

In the first half year there have been 119 girls below the High School in the cooking classes, compared with 105 the year before. During this last half year there are 172 girls in the classes, compared with 176 last year. In other words, 212 girls will have had the advantage of receiving instruction in cooking by the close of this year, compared with 210 the preceding year.

Of these, 40 are in Grade 9, 76 in Grade 8, 91 in Grade 7, and five in the individual school.

The plan for cooking and sewing is as follows:

Grade 6. Sewing, once a week, throughout the year.

Grade 7. Sewing and cooking, half a year each.

Grade 8. Cooking, throughout the year.

Grade 9. Cooking and sewing, half a year each.

The total number of girls in the cooking classes, arranged by schools, follows:



*First Half Year*

	1914-1915	1915-1916
Morton Building, Grade IX,	34	40
Morton Building, Grade VIII,	37	36
Knapp Building, Grade VIII,	13	18
Cornish Building, Grade VIII,	21	20
Individual School,		5
	<hr/> 105	<hr/> 119

*Second Half Year*

Morton Building, Grade VIII,	37	36
Knapp Building, Grade VIII,	13	18
Cornish Building, Grade VIII,	21	20
Cornish & Burton Building, Grade VII,	43	42
Mt. Pleasant, Grade VII,	25	19
Knapp Building, Grade VII,	29	22
Chiltonville, Grades VII and VIII,	8	10
Individual School,		5
	<hr/> 176	<hr/> 172

In the first half year there have been 216 girls below the High School in the sewing classes, compared with 209 the year before. During this last half year there are 161 girls in the classes, compared with 145 last year. In other words, 256 girls will have had the advantage of receiving instruction in sewing by the close of this year, compared with 248 the preceding year.

Of these, 40 are in Grade 9, 93 in Grade 7, 118 in Grade 6, and five in the individual school.

The total number of girls in the sewing classes, arranged by schools, follows:

*First Half Year*

	1914-1915	1915-1916
Cornish and Burton, Grade VII,	42	42
Mt. Pleasant, Grade VII,	25	19
Knapp, Grade VII,	29	22
Cornish, Grade VI,	38	44
Mt. Pleasant, Grade VI,	21	17
Knapp, Grade VI,	40	51
Chiltonville, Grades VI, VII, VIII,	14	16
Individual school,		5
	<hr/> 209	<hr/> 216

*Second Half Year*

Morton, Grade IX,	32	40
Cornish, Grade VI,	38	44
Knapp, Grade VI,	39	49
Mt. Pleasant, Grade VI,	21	17
Chiltonville, Grade VI,	8	6
Individual School,	7	5
	<hr/> 145	<hr/> 161

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ATHLETICS

During the spring term a baseball league was organized, under the guidance of Mr. Paul J. Smithson, the Superintendent of the Plymouth Boys' Club. Six teams were listed as follows:

Cornish School  
 Knapp School  
 Boys' Club  
 High School Freshmen  
 Junior High, 8th grade  
 Junior High, 9th grade

Only the boys whose accomplishment in school work was standard were permitted to participate in the games. A silver cup was offered to the winning team by the members of the school board. The boys of the ninth grade, Junior High, were the winners of the series.

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## HOME CREDIT PLAN FOR THE GRADES

*School-Home Education!*

*Credit at School for Work Done at Home! !*

*Washing Dishes and Milking Cows on a Par with Latin and  
Medieval History! ! !*

The public schools must not be content with helping the child as an individual. The idea is of too long standing already. They must go one step further and aim to help the home as an institution. This can be done effectively by offering to our pupils credits for outside work. Theoretically the child should be brought up to do the assigned tasks at home from a natural incentive, and not merely because there is a reward in view. But theory and practice should journey along hand in hand to accomplish the desired goal, and the artificial incentive must be invoked and utilized. Thus if a child does outside work, a value should be placed upon his time in the form of reward. This plan to be successful demands the co-operation of teachers and parents to the highest degree. It is the practical working out, on the part of the schools, of the proper aim of the Teacher-Patron Association, recently organized under a similar name.

For years parents have been freely giving the time of their children by having them attend school, and by permitting them to devote their time at home to school studies. It is now time for the schools to come to the rescue of the parents and reciprocate.

cate, by seeing that the child does much which is of profit for the home during the school-attending period. This plan of offering credits for outside work will be of incalculable benefit to the pupil and to the home as well.

Outside work might receive approval in an innumerable number of subjects, upon petition by the pupil. The following are suggested for a beginning, the course to commence at the Junior High and later be extended.

Washing dishes, and general housework.

Fetchng fuel, and other work.

Home gardening.

Domestic science.

Woodworking.

Domestic art.

Drawing.

Music.

The above statements may be epitomized thus: Recognition to work done independently by the boy away from school must be made in a progressive school system.

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#### IV. THE SENIOR HIGH SCHOOL

The growth of our high school during the last few years has been marked. This nearly always is the resultant of excellent upper grades in the grammar schools. The more efficient and popular the upper grades in our elementary schools, the greater are the numbers entering the high school. Again the desire for a high school education is increasing. The gain in high school population is nation-wide.

Our high school is successfully fitting for college and technical schools besides giving courses in the commercial branches, mechanical drawing and household arts.

The school is doing efficient work, yet we are not doing much

for the boy who must or does leave school during his course, as far as industrial fitness is concerned. The problem is no easy one to solve, yet nearly all will admit that pupils of high school age ought to be receiving some training that may be turned to financial advantage upon graduation. The preparation for giving such instruction usually comes long after the demand. The demand is evident, and it is only a matter of time when the proper course will be offered.

The Plymouth High School has been, in the past, approved by the State Board of Education, by virtue of being approved by the New England College Entrance Certificate Board. After 1916 the school must be approved by the State Board directly in order to have the privilege of sending our graduates to the Normal School without examinations.

The report of the High School principal is appended.

The work at the High School may be divided thus:

1. Academic Work—

- a. English.
- b. Languages.
- c. Mathematics.
- d. Science.
- e. History.

2. Vocational Work—

What We Have—

- a. Commercial course.
- b. Drawing.
- c. Domestic art.
- d. Domestic science.

What We Should Have—

- e. Shop work.
- f. Agricultural work.

The following table gives the growth of the High School since 1900:

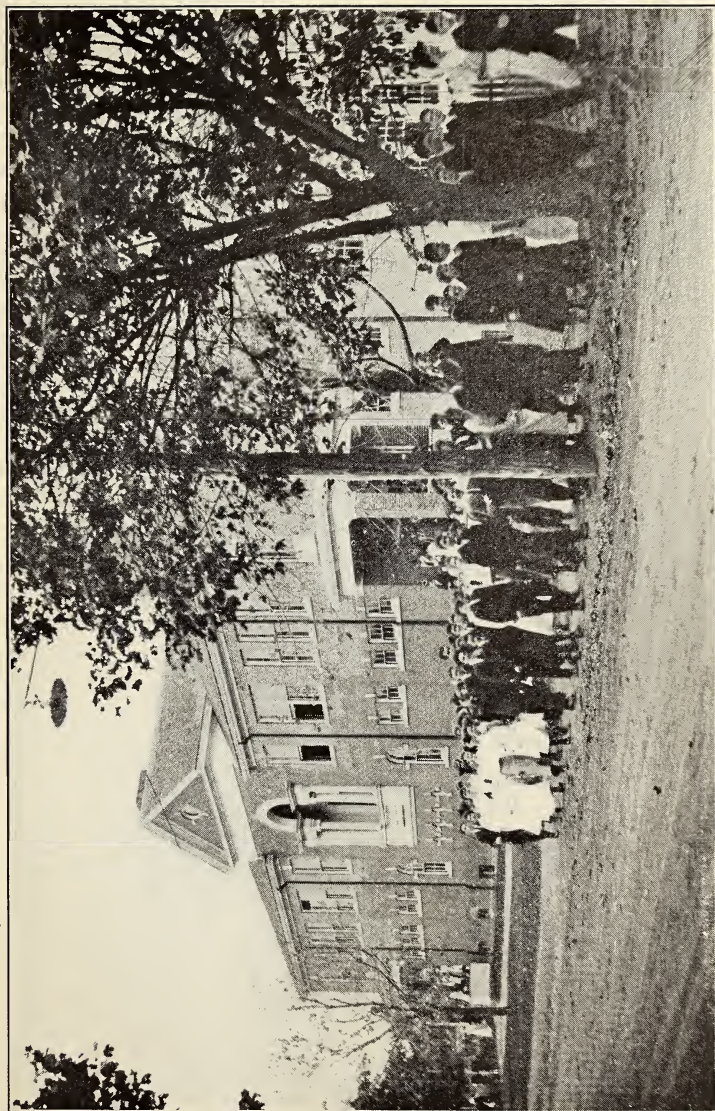
1900	123	1908	187
1901	129	1909	200
1902	138	1910	214
1903	136	1911	218
1904	128	1912	224
1905	140	1913	235
1906	140	1914	278
1907	145	1915	312

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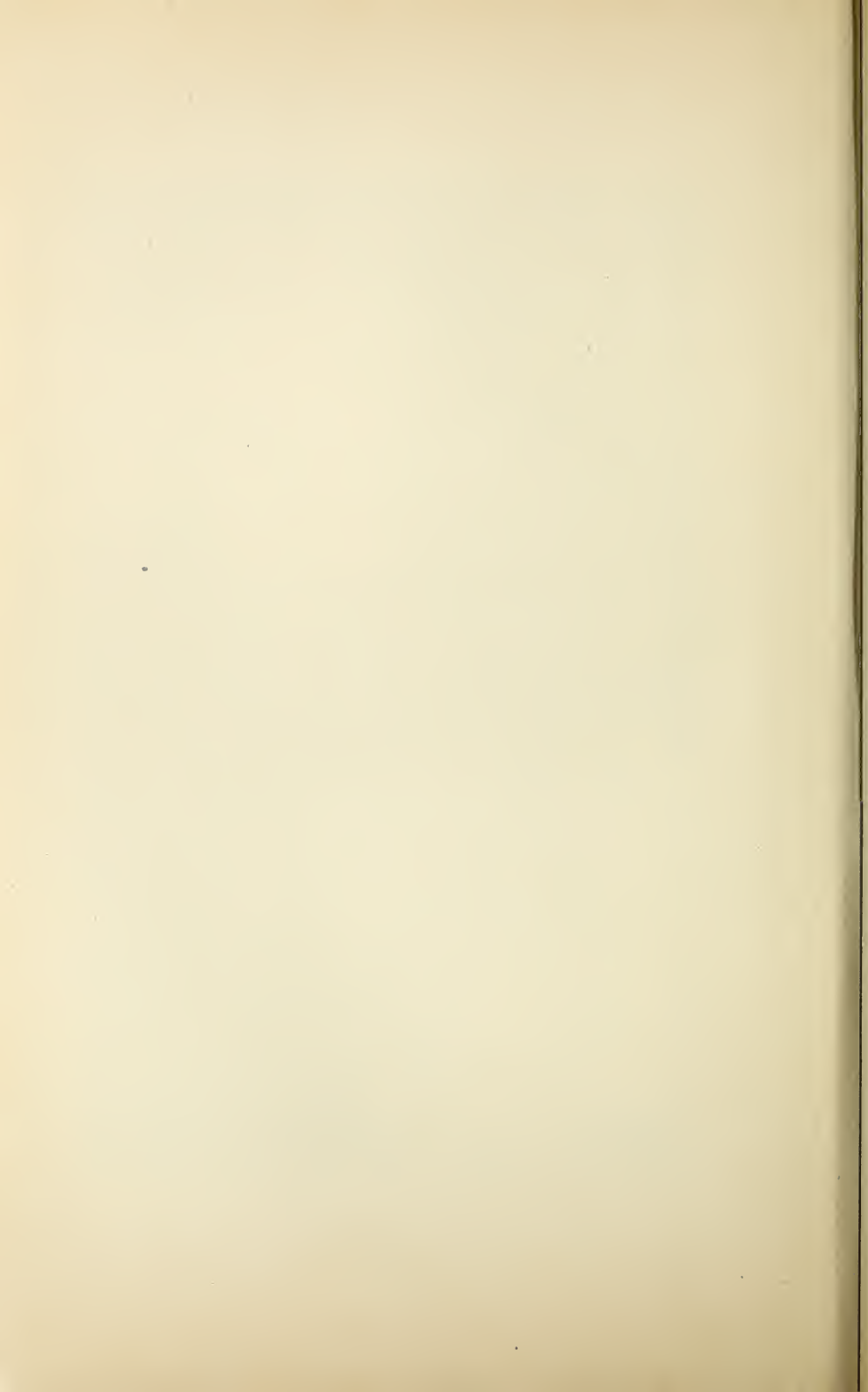
### STUDIES PURSUED AT PLYMOUTH HIGH SCHOOL

Subjects.	Boys.	Girls.	Total.
Latin,	38	51	89
Algebra,	43	43	86
History,	84	98	182
English,	144	168	312
Civil Govt.,	37	39	76
French,	41	84	125
German,	19	27	46
Physics,	36	10	46
Chemistry,	21	7	28
Arithmetic,	18	33	51
Geometry,	29	40	69
Trigonometry,	4	0	4
Stenography,	27	41	68
Bookkeeping,	66	106	172
Typewriting,	45	80	125
Business Practice,	6	10	16
Com. Geography,	12	16	28
Cooking,		79	79
Sewing,		26	26
Mech. Drawing,	70	6	76
Free-hand Draw.,	24	38	62
Element'y Science,	41	17	58





FIRE ALARM SOUNDED WITHOUT WARNING TO TEACHERS OR PUPILS  
Exit made in 46 Seconds



# THE DEPARTMENT OF COOKING AND SEWING AT THE HIGH SCHOOL

The girls at the high school are 165 in number. Of these, 79 are pursuing the course in cookery, distributed as follows:

	1914-1915	1915-1916
Seniors,	16	13
Juniors,	11	12
Sophomores,	22	24
Freshmen,	36	30
Total,	85	79

Twenty-six girls elected the course in sewing as follows:

Seniors,	1	6
Juniors,	8	8
Sophomores,	18	10
Freshmen,	18	2
Total,	45	26

## PROGRESS

One of the most progressive steps taken by the Plymouth School Committee in recent years is the recognition of outside work on the part of high school pupils. The old idea, and indeed not so very old either, was that a high school education could not be obtained unless the instruction were given under the high school roof. Happily for the pupils this notion is becoming more and more fallacious. It now appears that those who are still cherishing this fantasy must form a new conception of education which must be, as it were, re-defined for that class of thinkers. No one to-day will maintain, without running the

risk of being classed as obsolescent, that there is any special superiority of Latin, Greek, French, Mathematics or any of the various subjects taught in our high schools, over many of the subjects which up to this time have been excluded. It is practically a piece of guesswork to say that a particular subject is essential for the discipline of the mind. Any kind of work, provided it is well done and has educational value, should count toward graduation.

This is, to be sure, a statement which will meet with opposition on the part of conservatives for years to come. There are those at home and abroad who even in this era denounce the introduction of practical courses in woodworking, domestic science, etc. There are parents in our own town who would have their boys drop the courses in manual training and their girls domestic science, were it permissible. There will always be opponents to the sanest plans. It is, notwithstanding, a healthy, normal attitude for any community. Only by running the gauntlet of adverse criticism, can there be success in a democracy.

The recognition of the educational value of music is well-nigh universal. The number of music students is ever increasing. The query might properly be made that if music, vocal and instrumental, is demanded by a great number of the pupils at any high school, why it is not offered and an expert engaged to teach the subject—why should they not be granted the opportunity to elect what they deem necessary to their life equipment? The answer is simply that most communities cannot afford it—the cost of procuring the necessary talent to give the instruction is prohibitive.

The alternative then is to allow the student to utilize his time in the study of voice, piano, organ, violin or any orchestral instrument under special teachers outside the schoolroom. Such study must, of course, be seriously undertaken and be safeguarded by fitting rules and regulations.



During the last school year the school board adopted the following:

“That credits be awarded for outside work in subjects approved by the School Committee, pursued under conditions satisfactory to both the Superintendent of Schools and the Principal of the high school, to high school pupils, the majority of whose marks for the entire four years are E’s, three-fourths of the work being done on the regular course. Under this rule no honors, based on scholarship, are to be awarded such a student.”

It will be noticed that, according to the foregoing vote, any extra-mural subjects may count toward graduation, provided such subjects receive the approval of the School Committee. For the present, however, the approved work has not advanced beyond the point shown by the following:

“It was voted that music be approved by the committee in which credits be given for outside work.”

“Thus times do shift,—each thing his turn does hold;  
New things succeed, as former things grow old.”

—Herrick.

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## FIRE DRILLS

A satisfactory condition under which to work is paramount. This comes before efficient teachers or adequate text books. It is well to have adjustable school furniture, bubbling fountains, well lighted and ventilated school rooms, etc., but security from danger should be demanded before all these. I refer to the safety of children in the event of fire. This subject is receiving the serious consideration of many communities. Too many fires originate through negligence and carelessness. In fact, the list of cautions about fires, so frequently circulated, do not in any

way surpass in common sense the suggestions of a century ago. In the Farmer's Almanac for the year 1815 are eleven suggestions, which, if followed and adapted to our present mode of living, would decrease the number of fires which occur.

Fire drills are practiced regularly in the public schools. These are required, the pupils, at a second's notice, being trained to seek another exit than the one toward which they are going. In too many fire drills, the pupils are trained to leave the building by one exit exclusively. Only by training the pupils to leave at any designated exit can stampeding be prevented.

Soon after the school year opened, a test was made at the high school, which has an enrollment of 312 pupils. This alarm was rung unbeknown to pupils, principal or teachers. The building was vacated in forty-six seconds. The accompanying cut shows the order which prevailed in that speedy exit.

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## V. MISCELLANEOUS

### THE INDIVIDUAL SCHOOL

This school, which has been in operation more than a year, has proved its worth. Its aim is to develop the individual pupil instead of treating the school as a mass. It serves the over-age pupil, the motor-minded, and also those under 16 years of age who are temporarily unemployed and who do not care to return to the grade of which they were members before going to work. Its function should be extended naturally to put each pupil in the proper niche. The work in basketry with raffia and reed has been continued, as has also the caning of chairs and telegraphy. The regular school work, such as history, geography, arithmetic, reading, spelling, language, etc., are pursued by each pupil.



By special arrangement the boys in this school receive instruction in manual training and the girls in cooking and sewing.

The distribution of the teachers and pupils follows:

School	No. of Teachers	No. of Pupils	Boys	Girls
High,	13	312	147	165
Hedge,	9	376	177	199
Knapp,	9	417	210	207
Cornish,	9	292	129	163
Mt. Pleasant,	6	220	113	107
Morton,	4	138	63	75
Chiltonville, 4 bldgs.,	4	92	58	34
Burton,	4	153	72	81
Manomet,	2	48	31	17
Oak Street,	2	77	38	39
Cold Spring,	2	64	26	38
Lincoln St. Primary,	2	52	22	30
Spooner Street,	1	37	19	18
Alden Street,	1	42	19	23
Allerton Street,	1	34	18	16
Wellingsley,	1	16	7	9
Cedarville,	1	13	8	5
Vallerville,	1	12	7	5
Long Pond,	1	10	5	5
South Street,	2	43	25	18
	<hr/>	<hr/>	<hr/>	<hr/>
	75	2,448	1,194	1,254
Special teachers, excluding High,	4			
	<hr/>			
Total No. teachers,	79			

## TEACHERS' RETIREMENT SYSTEM.

The retirement system for teachers, passed by the General Court, took effect July 1, 1914. Teachers entering the service after that date are required to become members of the association. Membership of teachers who were in service before that date is optional. More than 8,600 teachers throughout the State have already become members, and more than 6,300 of these are voluntary members, having been in service prior to July 1, 1914. Retiring allowances have been granted to nearly 200 teachers, and there are now 186 teachers receiving annuities and pensions amounting annually to nearly \$71,000.

Thirty-eight Plymouth teachers have taken advantage of the law, and are paying into the treasury of the Commonwealth five per cent. of their salary, or the aggregated yearly sum of over \$1,500.00.

From September, 1914, to July, 1915, the sum of \$1,124.62 was deducted from the teachers' salaries and forwarded to the State treasurer. From September, 1915, to January 1st, 1916, the sum of \$611.87 was deducted, making the total deductions to date \$1,736.49.

Number of Teachers	Each Paying Monthly	Total Monthly	Total Yearly
2	\$10.00	\$20.00	\$200.00
1	5.00	5.00	50.00
1	4.50	4.50	45.00
2	4.25	8.50	85.00
2	4.00	8.00	80.00
30	3.50	105.00	1050.00
<hr/> 38	<hr/>	<hr/> \$151.00	<hr/> \$1510.00

## SALARIES.

In 1840 the average value of board per month in the town of Plymouth for women teachers was \$5.44. At the present time it would be considered a bonanza to obtain board at that figure per week. The teachers in the elementary schools receive a maximum salary of \$625. Thus the experienced teacher receives a little over \$12.00 a week for the calendar year. It would amount to this, rather, if she were not forced by state law to undertake a form of compulsory insurance. That is, she is obliged to become a member of the Retirement Association in order to be eligible as a teacher in the public schools of Massachusetts, providing she enters the service after July 1, 1914, and by becoming such she has deducted from her meagre salary at least \$35.00 per year. Many teachers pay nearly \$25.00 yearly in carfares in addition to the foregoing. Some teachers born in Plymouth—who have passed through our elementary schools—who have graduated from our High School—who have completed a course at the Normal School are receiving less than \$9.14 a week for the calendar year.

This does not compare favorably with many other towns. Maximum salaries in the elementary schools are shown in the following list:—

Abington,	\$700.00
Whitman,	700.00
Braintree,	700.00
Attleboro,	650.00
Brockton,	750.00
Framingham,	700.00
Rockland,	700.00
Hingham,	750.00
<i>Plymouth,</i>	625.00

The “anticipation” of last year now becomes a recommendation as follows,—that the maximum salary for teachers with

pronounced professional spirit, increased scholarly attainment, and marked accumulative efficiency be increased.

Friendship, popularity, length of service, etc., should not be the criterion by which the efficiency of the school teacher is measured. Sound business policy demands an increase in teaching power as a forerunner to the increase in salary. The merit system is the only one which should be recognized. Few teachers, few persons, compared with the world population, strive to make themselves really expert unless they are prodded by the stimulus of reward. A one-hundred dollar increase usually means one hundred dollars worth of increased efficiency, and if that is not the resultant, a dismissal or reduction should take place. A fifty-dollar raise does not often produce double that value of efficiency.

The difficulty has been that no one wants to assume the responsibility of determining the degree of merit which a teacher has, and those in power, do not want to delegate that prerogative to another. With this responsibility placed in the hands of the superintendent of schools, who should have a tenure of office of not less than three years, the matter may be squarely met.

Additional appropriations should not be made for the mere sake of making our maximum equal to that of other places. It should be made with the idea in view of securing greater efficiency—otherwise it is money wasted.

In a bulletin issued by the United States Bureau of Education we find the following:—

*The Increased Cost of Living.*

“The salaries committee report of 1913 called attention to the fact that in 1911 wholesale prices were 44.1 per cent. higher than in 1897, so that, measured by wholesale prices, a teacher whose salary had remained fixed at \$1,000.00 since 1897 would have had no greater purchasing power in 1911 than \$693.76 possessed in the earlier year. This upward trend of wholesale prices has continued. The teacher whose salary has remained at

\$1,000.00 since 1897 now has a purchasing power equivalent only to \$663.57. To put it another way, a teacher receiving a salary of \$700.00 in 1897, and having had such increases that she is receiving \$1,000.00 this year, is less well off than she was in 1897, on the basis of wholesale prices. If she is fortunate enough to have had increases in salary amounting to 50 per cent. of her 1897 salary, she will now be economically in about the same condition as in 1897.

It is useful for the present purpose to make a comparison between 1903-04 and 1912-13, since these are the years for which salary comparisons have been worked out. The Bureau of Labor finds that in 1913 wholesale prices were 19.6 per cent. higher than in 1904. Measured by wholesale prices, therefore, a teacher whose salary had remained at \$1,000.00 since 1904 would have a purchasing power equivalent to \$836.12 in 1913. In other words, a stationary salary for the nine years between 1904 and 1913 was the same as a net cut in salary of \$163.88. In general there has been some improvement, however.

It should never be lost sight of, however, that teachers are expected to live on a much better scale of living than other workers on similar wage, and that the living standard for teachers is constantly rising."

Board in Plymouth is high, and in some instances exorbitant.

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## THE WIDER USE OF THE PUBLIC SCHOOL PLANT.

The utilization of schoolhouses for regular school work exclusively has forever passed. The wider and fuller use of the public school plant has at last begun to be realized. The enlarged High School building has made it possible to carry on many of the larger and less organized forms of education.

The Woman's Club, with a membership of about 400, holds its



meetings at the High School approximately every two weeks, the schedule for the season numbering about fifteen meetings to be held at this building.

The Girls' Club holds meetings weekly at the High School, for educational and social purposes on alternate weeks. Classes in sewing, cooking, millinery, dressmaking, basketry and physical culture have been organized.

In addition to the above, the building has been used for Town meetings, teachers' meetings, banquets, lectures, meetings of the Alumni Association, concerts, school socials and parent-teacher meetings, the latter undertaken through the initiative of the principal, Mr. Whiting.

The other buildings in town have been used for sales and entertainments to procure funds for school purposes, and for meetings of the Parent-Teacher Associations.

Since the department of University extension has been inaugurated under the control of the State Board of Education, it is reasonable to assume that the school plant may be more widely used than ever before.

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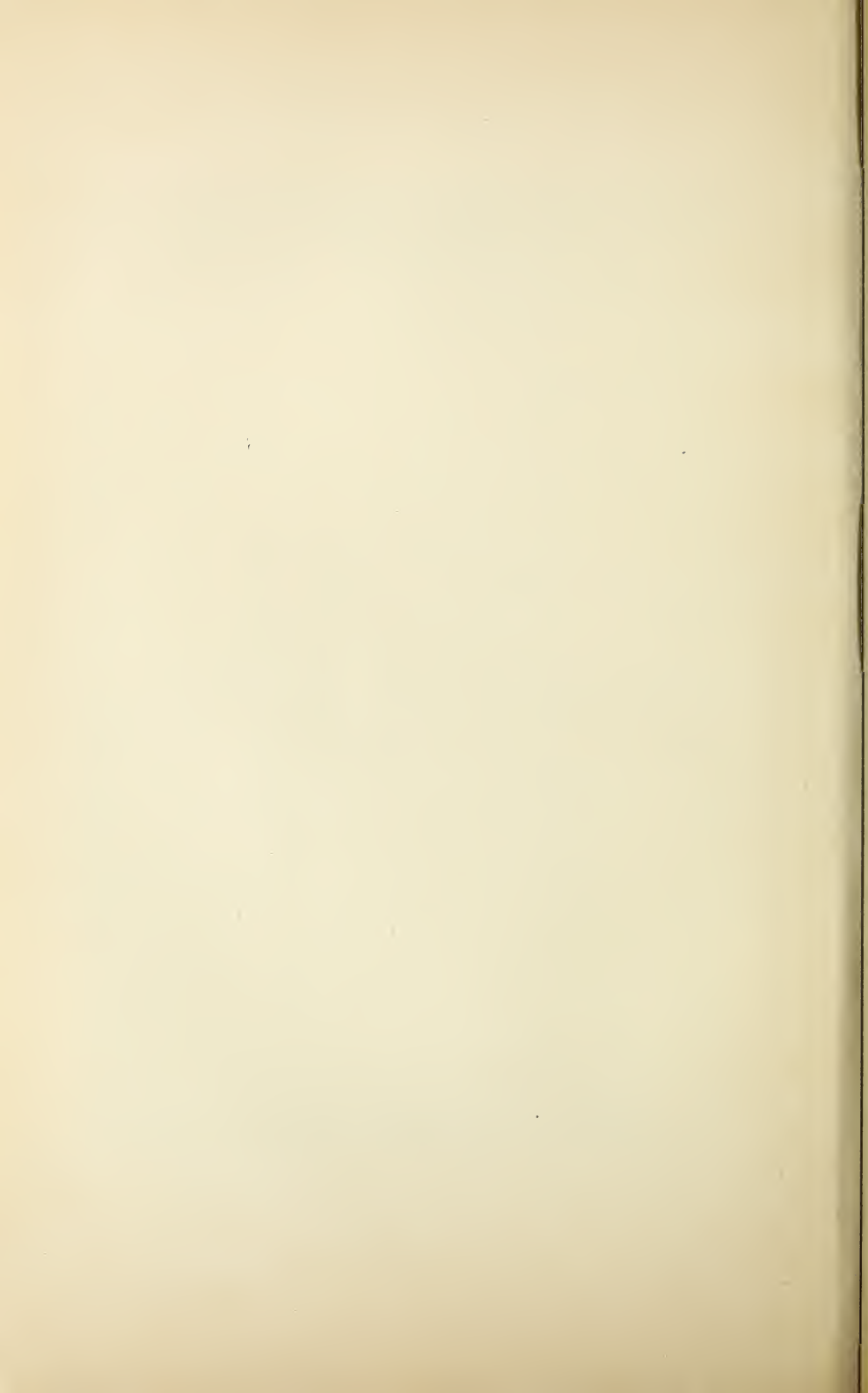
### THE NEWER USES OF THE SCHOOL YARD.

Play is the most fundamental element in child nature. The educational value of this element goes hand in hand with the educational value of work. This has dawned upon most of us within the last decade. For some years the children above the third grade were not permitted to indulge in an out-door recess. Under those conditions a school yard was practically unnecessary. But with the new vision, out-door recesses were adopted. The opportunity of going out on pleasant days to exercise and breathe the pure air is indisputably a right due the children, and their improved health cannot but be a natural consequent. Moreover, this interval of recreation tends to a greater interest in school





SCHOOL PLAYGROUND NEAR CORNISH BUILDING



work. If only one change in a school system were possible in ten years, this should be the first to occur, and now seems to be a settled policy. The next step was to guide the children to utilize to advantage the recess period. With this in view books of games and play were purchased, distributed to the schools, and soon the teachers had the problem well in hand.

With these outside activities, larger school yards are necessary, and until this matter is taken up with seriousness, we cannot unreservedly boast of our schools, for adequate school playgrounds are as essential in modern education as any phase which can be mentioned. This playground should be open not only during the recess periods, but after school, on Saturdays and holidays during the short and long vacations. Not only are enlarged school grounds necessary, but the logical outcome of continued use means a greater expenditure than before for keeping them in proper condition. If a town is what its schools are, and if the schools are rated upon the size of its playgrounds, the school slogan should be.

“Modern Playgrounds by 1920.”

Through the initiative of the Civics Committee of the Woman's Club, several pieces of apparatus have been installed at the school playground, Cornish building, such as the slide, which is always the most popular; seesaws which are much used by the younger children, although affording opportunity for little physical, intellectual, or social training; the giant stride which is always enjoyed, and has some value as exercise; the horizontal bar, which no school yard should be without; and the apparatus for the high jump. Nearly all playgrounds in general have the above.

An excellent beginning has been made, and attention should now be directed to the Hedge building, where there are 376 children in the first four grades, and other sections of the town.

Late in the fall, or early in the spring, trees set about eighteen feet apart, hard and soft maples alternating, should be planted

around the edge of the playground, leaving the space within for play which should be an important factor in the school curriculum.

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### MEN.

The tax payers do not know, except at long range or at second hand, what the schools of Plymouth are doing for their children. It is the business of the voters to see that those in charge of the schools show a dividend or retire in favor of abler heads.

During the school year 1914-1915, the public schools, 61 in number, were visited by only 32 men. Since this is so, one whole week, beginning March 20 and ending March 24, 1916, will be designated Men's Week. During this week it is desirable that as many men as possible avail themselves of this special invitation to visit the schools. The week is yours. Come, ask questions, criticise. We will gladly accept the criticism, whether favorable or adverse, and will surely profit by your attitude whatever it may be.

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### TEACHERS' MEETINGS.

Two general teachers' meetings have been held since the issuance of the last report, with practically all teachers present. The program in the spring was one of nearly three hours' duration, consisting of demonstrations by the teachers of the various methods of teaching with groups of children present, brief paper by the superintendent of schools, and discussion of topics of interest to the teachers, participated in by members of the committee. Music, vocal and instrumental, was provided, and folk dancing



by the pupils followed, making the meeting alive with interest due to the varied program and the excellent work of the teachers and pupils.

The second meeting was held during the fall term, after much the same plan as the meeting in the spring. Dramatics, folk dancing, dumb bell drills, calisthenics, etc., by the pupils added much to the part taken by the others, who presented papers of interest to those in school work. Long Pond, Vallerville, and Cedarville, sixteen miles away, were represented by the teachers of those places. After the general meeting held at the High School hall, sectional meetings followed, the primary teachers, the teachers of the upper grammar grades, and the High School teachers being addressed by different persons at the Nathaniel Morton School. After this all the teachers attended a lecture by Dr. Walter E. Fernald, Superintendent of the Massachusetts School for Feeble Minded, Waverley, upon invitation from the Woman's Club. Thus ended another meeting of pleasure and profit to those present.

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## NORMAL SCHOOL EXTENSION

### OR

#### HALF HOUR STROLLS IN THE EDUCATIONAL FIELD.

Every discussion at every teachers' meeting cannot hold the active attention of every teacher. A subject which would be of interest to one group of teachers might not be of profit to another group. The general meeting has its place, but should not be overemphasized. Grade meetings are exceedingly helpful, but the topics discussed are naturally pertaining to the work, methods and problems of a specific grade.

As a supplement to the general and grade meetings, there have been planned those of a voluntary-attendance type whereby the

teachers, by forming a minimum unit of ten members may petition for a half-hour's talk on subjects announced from time to time by the superintendent of schools.

The following is the initiatory announcement:—

1. Orthoëpy.
2. Orthography.
3. Horace Mann.
4. Fifty Questions and Answers.
5. Fifty More Questions and Answers.
6. A Rapid Survey of the Massachusetts Educational System,  
No. 1.
7. A Rapid Survey of the Massachusetts Educational System,  
No. 2.
8. A Rapid Survey of the Massachusetts Educational System,  
No. 3.
9. Pitfalls of the teacher.
10. School Credit for Home Work.
11. Five Educational Reformers.
12. Educational Principles, Methods and Devices.
13. Early School Text Books and Curricula.
14. Habit.
15. School Laws.
16. Marking, Grading, and Promoting.
17. An Introspection of School Surveys.
18. Educational Organizations and Foundations.
19. Education of the Middle Ages.
20. School Reports of seventy-five years ago.
21. Acceleration, Retardation, and Elimination.
22. Medical and Dental Inspection.
23. A Modern School System.
24. The Labor Laws.
25. Illiteracy.
26. The Teacher's Part in Recreation Periods.
27. What the Teacher Should know about School Conditions.



## PLYMOUTH TEACHERS' CLUB.

The teachers of Plymouth work as a unit for the interest of the schools and the welfare of the community. A well organized Teachers' Club has existed for several years, and concerts, lectures, receptions, banquets, picnics, etc., constitute the program. The one for the year 1915-1916 follows:—

### Announcement of

## PLYMOUTH TEACHERS' CLUB PROGRAM.

1915-1916

- Oct. 27. Reception and Banquet,  
High School and Special Teachers
- Dec. 9. Concert, Cornish District
- Jan. 13. Concert, Cornish District
- Feb. 10. Concert, Knapp School
- Feb. 23. Lecture, Morton School
- “New Stories of the Old World”  
Mabel Frances Knight
- March 15. Lecture, Hedge School
- “Lohengrin,” Havrah L. Hubbard
- April 26. Guest Night.

Each teacher to have the privilege of inviting one friend.

Committee:—Miss Bertha E. McNaught, chairman; Miss Annie S. Burgess, Mrs. Mary L. Jackson, Miss Grace R. Moor, Miss Lucia M. Richardson, Miss Helen H. Linnell.

May or June. Picnic, Mt. Pleasant School

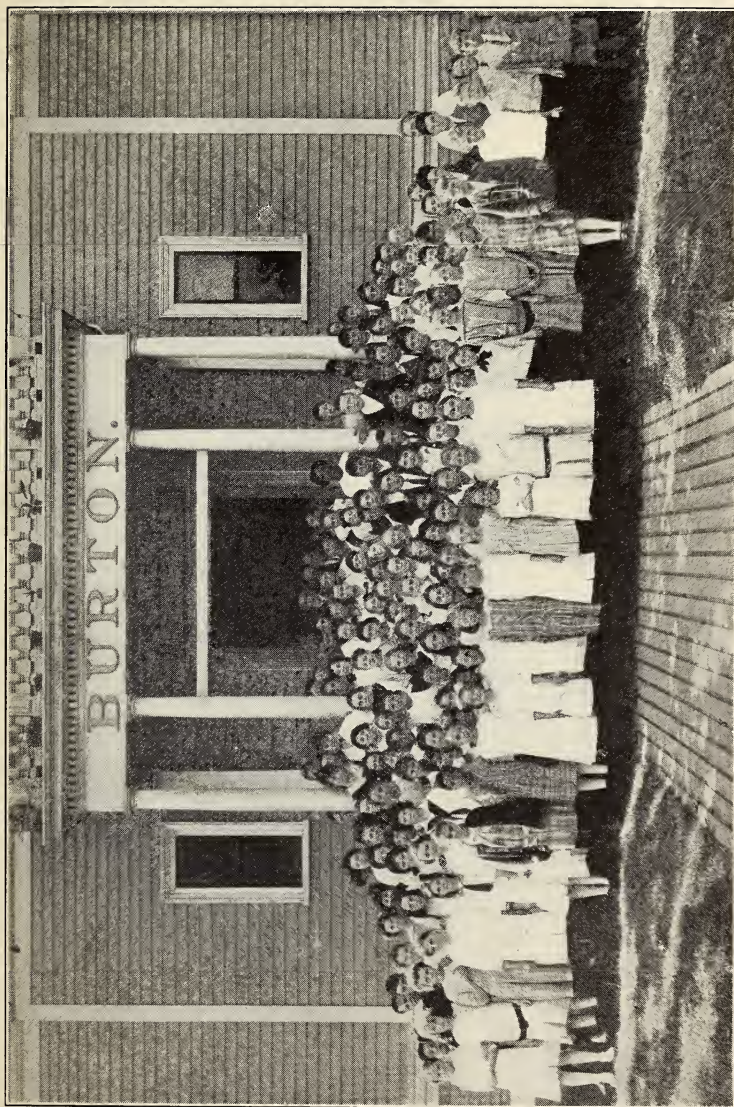
The program for December 9th, January 13th, and February 10th was especially ambitious, the aggregate cost of which was \$500.00. These were all well patronized by the public, who appreciated the unusual talent which the Club secured.

## VACATION SCHOOL.

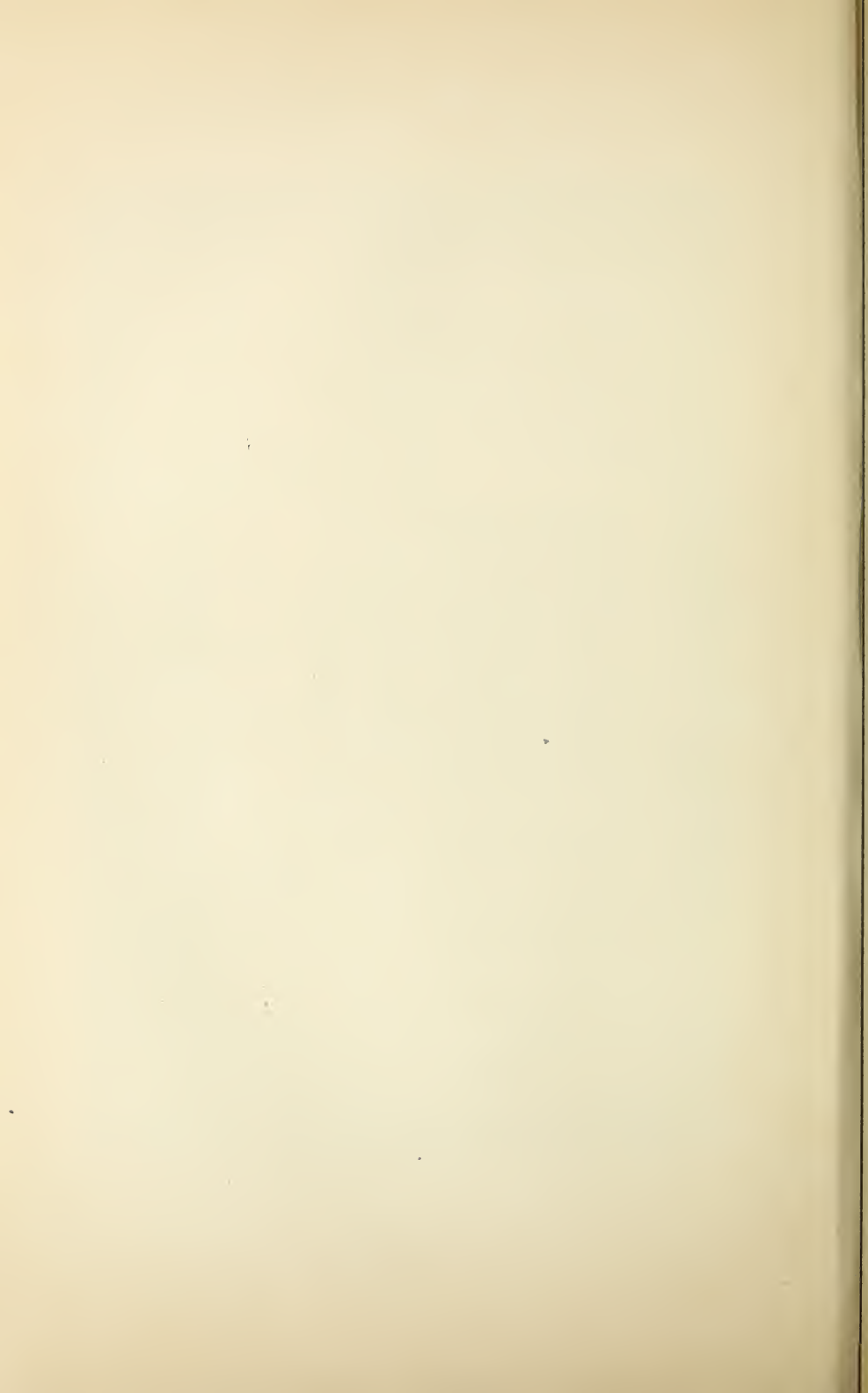
For several years Plymouth has maintained vacation schools during the summer, for a period of six weeks. This school represents, to a great degree, the ambitious children of the town. Some attend in order to fulfill the requirements in one or more subjects, and advance with their class. Others attend in order to do extra work and complete their school course in advance of their class. Still others attend voluntarily, feeling that something is to be gained thereby. None but the ambitious will attend such a school, since attendance is optional. At all events, the children finish their school life earlier, and hence it is a matter of economy to the town, and a marked advantage to the children. Were it not for the vacation school, the standard of the system would be lower, and a spirit of indifference would be manifest on the part of many pupils. Healthy, normal children are not injured by attendance. The importance of such schools is universally recognized.

Up to this time, the summer schools have given instruction only in the regular school branches. The time has come to extend the course, so that a great number of the pupils may have an opportunity to do some useful constructive work. Until this school has extended its scope by offering manual work, it has only partially succeeded in meeting the problem. The vacation school in Plymouth is performing only part of its function at present.

The mere ability to pass from grade to grade, learning solely from books, results in a one-sided education. We want our vacation schools, as well as our regular day schools, to teach those subjects and qualities which make for all-round development. We are gradually extending the work of the day school, and similar activities should predominate in our summer schools.



VACATION SCHOOL, 1915





# SUMMER SCHOOL.

There was an entering group of 171 pupils, 44 attending without conditions. Five teachers were employed.

The cost of the schools for the summer of 1915 was \$378.00.

## ATTENDANCE AT SUMMER SCHOOLS.

	Grades				
	4	5	6	7	8-9
Number entering,	37	33	37	35	29
Number enrolled at end of two weeks,	35	35	35	37	28
Number enrolled at end of four weeks,	36	35	36	39	29
Number enrolled at end of six weeks,	33	35	34	38	24
Number unconditioned,	18	3	7	8	5
Number promoted conditionally,	11	23	21	26	23
Number not promoted,	8	7	9	1	1
Number conditioned in one subject,	6	2	7	5	4
Number conditioned in two subjects,	2	13	11	21	18
Number conditioned in three subjects,	3	7	3	0	1
Number conditioned in four subjects,	0	1	0	0	0
Number taking arithmetic,	34	33	30	26	23
Number taking geography,	11	17	12	6	0
Number taking history,	0	8	0	14	5
Number taking language,	20	17	24	9	7
Number taking grammar,	0	17	12	14	22
Number taking spelling,	20	7	1	0	0
Number taking reading,	15	4	0	0	0
Average age in years and months: Fourth grade—11 years, 1.8 months; fifth grade—11 years, 1 month; sixth grade—12 years, 8 months; seventh grade—13 years, 1 month; eighth and ninth grades—14 years, 8.7 months.					

# EVENING SCHOOLS.

Two elementary evening schools, one at the Knapp and the other at the Cornish building, are maintained three evenings a week for a period of twenty weeks, to provide instruction for illiterate minors. They are by law required to attend school until they are able to meet the requirements for the completion of the fourth grade in reading, writing and spelling the English language.

The school at the Cornish building also provides instruction somewhat in advance of that required of the illiterates.

A summary of the record of the evening schools for the full session from October 13th, 1914, to March 12, 1915 follows:—

## *Knapp School.*

Number of boys enrolled,	51
Number of girls enrolled,	33
Average number belonging,	73.61
Average evening attendance,	63.56
Per cent. of attendance,	86.35

## *Cornish School.*

Number of boys enrolled,	19
Number of girls enrolled,	5
Average number belonging,	14.90
Average evening attendance,	11.93
Per. cent of attendance,	80.07

The record of the evening schools from October 18, 1915, to January 13, 1916, follows:—

## *Knapp School.*

	First Month	Second Month	Third Month
Number of boys enrolled,	53	44	38
Number of girls enrolled,	25	24	25
Average number belonging,	70.41	67.3	61.08
Average evening attendance,	64.58	60.6	49.97
Per cent. of attendance,	91.72	90.05	81.83



*Cornish School.*

	First Month	Second Month	Third Month
Number of boys enrolled,	10	8	7
Number of girls enrolled,	4	4	6
Average number belonging,	12.92	11.5	10.88
Average evening attendance,	10.83	9.9	8.33
Per cent. of attendance,	83.82	86.08	76.56

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PER THOUSAND DOLLARS OF VALUATION.

The 353 towns and cities of the States are numerically arranged according to the amount appropriated to the support of public schools for each thousand dollars of valuation. Seventeen near-by towns are compared with Plymouth as reported in the last annual report of the State Board of Education, the number on the left denoting the rank of the cities and towns of the State.

1913	1914		1913	1914
3	8	Abington,	\$9 68	\$9 70
8	36	Bridgewater,	8 93	8 06
29	21	Middleboro,	7 75	8 65
34	56	Avon,	7 63	7 41
45	75	West Bridgewater,	7 37	7 19
50	40	Whitman,	7 24	7 95
52	55	Holbrook,	7 20	7 42
60	63	East Bridgewater,	7 03	7 31
77	117	Rockland,	6 83	6 52
82	126	Norwell,	6 75	6 41
102	140	Braintree,	6 44	6 25
113	91	Kingston,	6 29	6 98
126	168	Sandwich,	6 09	5 83
140	77	Provincetown,	5 91	7 16
155	133	North Attleborough,	5 78	6 32
159	134	Weymouth,	5 75	6 32
182	137	Pembroke,	5 46	6 28
200	198	Plymouth,	5 21	5 45

The foregoing table means that Plymouth stands 198 among the towns and cities of the Commonwealth in the amount appropriated for its schools for each thousand dollars of valuation. Although 197 places surpass us in this respect, 155 are below us on that basis. This is not a poor showing, but it is desirable to maintain our present standing, and excel when the citizens deem it expedient.

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AMOUNT APPROPRIATED FOR EACH CHILD.

As in the foregoing table, sixteen near-by places are selected to show the amount appropriated for each child in the average membership. This is a marked advance for Plymouth, since we are nineteen numbers above our standing in the previous year.

1913	1914		1913	1914
14	22	Falmouth,	\$56 51	\$51 93
38	49	Barnstable,	44 64	43 23
43	61	Duxbury,	43 56	40 83
49	34	Orleans,	41 83	47 92
51	71	Marshfield,	41 65	39 48
62	48	Scituate,	39 20	43 26
65	151	Carver,	38 69	33 64
93	81	Halifax,	35 98	38 29
101	105	Abington,	34 97	36 22
111	107	Attleboro,	34 43	36 13
139	143	Bridgewater,	32 99	34 21
150	92	Brockton,	32 41	37 36
152	148	Wareham,	32 36	33 73
176	165	Sandwich,	31 08	32 72
185	161	Whitman,	30 62	33 01
186	167	Plymouth,	30 49	32 60

## COST OF TEXT BOOKS AND SUPPLIES.

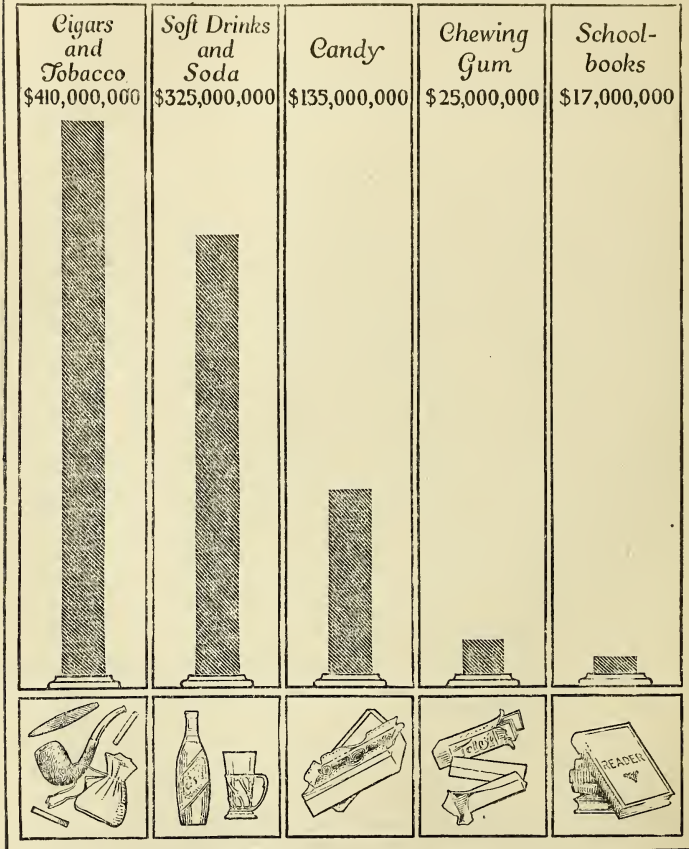
In 1873 a law was enacted permitting the towns and cities of Massachusetts to furnish free of charge the supplies and text books used in the public schools. Eleven years later this permissive law became compulsory.

For over one hundred years after the landing of the Pilgrims, the only regular text books in our elementary American schools were the Hornbook, the Primer, the Psalter, the Testament and the Bible. These were gradually displaced by the spelling books, so-called, and these in turn gave way to the multitude of choice and reliable text books of the present day.

The free text book law is shamefully abused—abused by those who should know better. Any rainy day, pupils who are having the advantage of the upper-grade and High School instruction, and to whom are loaned costly books, may be seen homeward bound with these books exposed to the rain or snow as if they had no value whatever. Thoughtless and thriftless are the adjectives applicable to altogether too many enjoying the advantages of the public schools. Notwithstanding all this, the advantages of the free text books overbalance the disadvantages. The annual cost for text books and supplies to the Town of Plymouth is large in the aggregate, but the cost per pupil is not exorbitant. In 1896 the cost for books and supplies was \$2.61 per pupil, whereas, in 1914 the cost was \$2.13.

The cut on following page shows the amount expended on text books compared with other expenditures throughout the country.

## How the people of the United States spend some of their money



## DEPARTMENT OF UNIVERSITY EXTENSION

A department of university extension, under the control of the State Board of Education, has been recently established. Correspondence courses are offered to residents of Massachusetts. The courses are open to either men or women who can satisfy the department that they can pursue with profit the course desired. No tuition fees are charged, but a payment in advance is required to cover cost of lesson pamphlets, stationery, text-books and postage on material sent from the department. Send to Mr. James A. Moyer, Director of University Extension, State House, Boston, Mass., for information. The following courses are offered:—

### *Courses in Language.*

Elementary English,	English for Americans of
English Composition A.	Foreign Birth
English Composition B.	Commercial Spanish.

### *Courses in History and Government.*

Elementary United States History,	American Government
United States History (Period	Civics for Americans of
1760 to 1830).	Foreign Birth.

### *Courses in Economics.*

Elements of Economics,	Money and Banking
Sociology.	

### *Courses in Mathematics.*

Practical Applied Mathematics,	Practical Mechanics
Shop Arithmetic,	Advanced Shop Mathematics
Elementary Algebra,	Advanced Algebra
Elementary Geometry,	Trigonometry

### *Commercial and Management Courses.*

Bookkeeping,	Industrial Management
Commercial Correspondence,	Retail Selling and Store
Industrial Accounting,	Management.



*Courses in Drawing.*

Shop Sketching,	Descriptive Geometry
Mechanical Drawing,	Free-hand Drawing
Architectural Drawing,	Practical Machine Design.

*Courses in Engines and Boilers.*

Practical Steam Engineering,	Fuels
Gas and Oil Engines,	Steam Boilers
Gasoline Automobiles,	Steam Engines
Heat,	Steam Turbines.

*Courses in Heating, Ventilating and Power Plants.*

Heating and Ventilating,	Locomotive Maintenance
Power Plant Economics,	Refrigeration
Testing of Power Plants,	Heating and Lighting for Janitors.

*Courses in Electricity.*

Practical Electricity,	Electric Traction
Dynamo-electric Machinery,	Electric Transmission
Theory of Alternating Currents,	Electric Wiring.

*Courses in Structural, Highway, and Hydraulic Engineering.*

Materials of Construction,	Plumbing
Lumber and its Uses,	Steel Building Design
Concrete and its Uses,	Bridge Design
Strength of Materials,	Reinforced Concrete Construction
Elements of Structures,	Hydraulics
Highway Engineering,	Water Supply and Irrigation

*Courses in Homemaking.*

Home Furnishing and Decoration,	Study of Fabrics
Dietetics.	

*Civil Service.*

A special course, including arithmetic, English, geography, and government, has been arranged for those who are preparing



to take Civil Service examinations for Federal, State, and municipal departments.

*Agriculture.*

Courses in agriculture are not given by this department. Correspondence courses in agriculture and related subjects are offered by the Extension Service of the Massachusetts Agricultural College, Amherst, Mass.

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EMPLOYMENT AND EDUCATIONAL CERTIFICATES.

The following number of certificates were issued between Dec. 31, 1914 and Dec. 31, 1915:—

Employment certificates for minors between 14 and 16,	81
Educational certificates for minors over 16 who can read, write and spell in the English language in accordance with the requirements of the completion of the fourth grade,	293
Educational certificates for illiterate minors over 16,	58
Home Permits, for minors between 14 and 16,	17

The following number of persons were granted certificates between Dec. 31, 1914 and Dec. 31, 1915:—

Employment certificates for minors between 14 and 16,	76
Educational certificates for minors over 16 who can read, write and spell in the English language in accordance with the requirements of the completion of the fourth grade,	243
Educational certificates for illiterate minors over 16,	53
Home permits, for minors between 14 and 16,	17

Every employed person between the ages of 14 and 21 must have a certificate. Such person must prove his age by a birth certificate, baptismal certificate, passport, or some other satisfactory evidence.

If he is under 16 years of age he must attend day school until

he is able to fulfill the requirements of the completion of the fourth grade. If he is over 16 years of age and cannot meet the above requirements he must attend the evening school.

Minors between the ages of 14 and 16 must either be employed or attend day school. In order to work he must present a physician's certificate of health, the employer's promise to employ, and a school record.

A new certificate must be obtained every time he changes his place of employment.

Employers must return to the superintendent of schools the certificate of minors leaving their employ, within 48 hours after employment has ceased.

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SCHOOL CENSUS, 1915.

	Males	Females	Totals
5 years,	162	111	273
6 years,	133	143	276
(5 to 7) Totals,	295	254	549
7 years,	109	160	269
8 years,	133	114	247
9 years,	123	115	238
10 years,	114	110	224
11 years,	90	127	217
12 years,	120	109	229
13 years,	99	110	209
(7 to 14) Totals,	788	845	1633
14 years,	94	94	188
15 years,	93	62	155
(14 to 16) Totals,	187	156	343

(5 to 7) Totals,	295	254	549
(7 to 14) Totals,	788	845	1633
(14 to 16) Totals,	187	156	343

Grand Totals,	1260	1255	2525
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Illiterate Minors, males, 54; Females, 45; Total, 99.

The following tables show the growth of the town, and the increase in cost of various school items:—

	Appropriation for Schools	Value of Town	Population
1900,	\$35,000.00	\$7,800,815.00	9,592
1905,	46,000.00	9,604,902.00	11,119
1910,	55,000.00	11,347,717.00	12,141
1915,	79,513.20	14,299,615.00	12,926

	Salaries of Teachers	Janitors and Care of Schoolhouses	Books and Supplies	Fuel and Light
1900,	\$24,613.95	\$1,745.13	\$3,021.81	\$2,915.08
1905,	31,306.02	3,004.22	2,961.12	4,215.54
1910,	39,075.94	3,708.63	3,468.66	4,243.73
1915,	51,775.08	5,981.85	4,472.41	6,225.35

Number of teachers regularly employed:—

1900, 44	1908, 59
1901, 47	1909, 58
1902, 48	1910, 60
1903, 51	1911, 61
1904, 51,	1912, 61
1905, 54	1913, 70
1906, 57	1914, 75
1907, 58	1915, 79

A summary of the teachers' pay roll follows:—

No. of teachers.	Receiving annually.	Total.
1	\$2,100.00	\$2,100.00
1	1,200.00	1,200.00
1	1,050.00	1,050.00

2	1,000.00	2,000.00
1	900.00	900.00
2	850.00	1,700.00
4	800.00	3,200.00
2	750.00	1,500.00
6	700.00	4,200.00
3	650.00	1,950.00
27	625.00	16,875.00
6	600.00	3,600.00
5	575.00	2,875.00
5	550.00	2,750.00
3	525.00	1,575.00
4	475.00	1,900.00
2	450.00	900.00
2	400.00	800.00
1	360.00	360.00
1	320.00	320.00
<hr/>		<hr/>
79		\$51,755.00

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### SIGHT AND HEARING TESTS.

The tests of sight and hearing have been made by the teachers, as required by law.

	1913-14	1914-15	1915-16
Number of pupils examined,	2,287	2,323	2,335
Number found defective in eyesight,	248	224	240
Number found defective in hearing,	28	32	52
Number of parents or guardians notified,	220	180	204

# AVERAGE MEMBERSHIP OF ALL SCHOOLS.

1895	1900	1905	1910	1915
1,330	1,460	1,776	2,065	2,308

The number of buildings and rooms are as follows:—

Number of buildings in use.	Number of Rooms	
Containing 9 rooms,	1	9
Containing 8 rooms	2	16
Containing 6 rooms,	1	6
Containing 4 rooms,	2	8
Containing 2 rooms,	4	8
Containing 1 room,	11	11
High School,	1	
Domestic Science Bldg.,	1	3
	<hr/> 23	<hr/> 61

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## ADDITIONAL STATISTICS FOR 1914-1915.

Total enrollment of pupils,	2,395
Average daily attendance,	2197.56
Average membership,	2308.81
Per cent. of attendance,	95.18
Number of days absence of pupils,	20,080

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## EDUCATIONAL SIDELINES.

During the school year 1914-1915 one hundred questions, ten each month, were distributed to the teachers, in order to encourage investigation in educational matters and methods not directly connected with, nor applicable to, the ordinary school routine.

### WHAT TEACHERS SHOULD KNOW.

In the last report were printed fifty of these questions, which together with the others, incorporated in the report of this year, are reprinted primarily for the use of the teachers.

1. What are the essential features of the Teachers' Retirement System? What are the defects?
2. Give the names of the seven secretaries of the Massachusetts State Board of Education. Are any now living?
3. Is vaccination required by State law or local regulation?
4. When was your County Teachers' Association organized?
5. Who is the Chairman of the Massachusetts State Board of Education? Name other members.
6. When was the first Normal school in Massachusetts established?
7. Between what ages must a child attend school?
8. What is the recent "Tenure of office" law for teachers?
9. Is the repeating of the Lord's Prayer at school required by law?
10. When was sewing first authorized in Massachusetts?
11. What was the direct reason for the organization of the Massachusetts Teachers' Association?
12. How many Normal schools are there in Massachusetts?
13. What do you know about the Massachusetts School Fund?
14. About how many public school teachers are there in Massachusetts?
15. Who is the State Commissioner of Education?
16. When was the School District System established, and when abolished?
17. How many teachers and pupils in the Plymouth Public schools?
18. What was the consensus of opinion about the Massachusetts High School in 1824? Compare it with the present public attitude.
19. Have you a clear idea of the Junior High School?



20. When were women authorized to vote for School Committee? When were they permitted to become members of School Boards?
21. When was Harvard College founded? When was Mt. Holyoke founded?
22. What is the statute governing the number on school boards?
23. When was instruction in drawing required?
24. What is meant by a Junior College?
25. Is there in Massachusetts any law prohibiting married women from teaching?
26. Do you believe in State control of Schools or local control? Give reasons.
27. When was the free text-book law passed?
28. What is an illiterate? How many in Plymouth? In Massachusetts?
29. About how many Superintendents in Massachusetts?
30. Can you explain to a visitor the heating and ventilating system of your room?
31. Do you judiciously employ the following methods of calling on pupils? a. Consecutive. b. Promiscuous. c. Simultaneous.
32. How much do the following names mean to you?  
Horace Mann, Mary Lyon, James G. Carter, Philemon Pormort, Joseph Lancaster, Cyrus Pierce.
33. Do you employ the "Five Formal Steps?"
34. When was the Normal School in this County opened?
35. When were towns for the first time required to elect school committees?
36. What town in Massachusetts has no Superintendent of Schools? Why?
37. What is the difference between "inductive" and "deductive" methods?
38. Do you know about the Teachers' Annuity Guild?
39. When were vacation schools authorized in this State?

40. How many reports did the first Secretary of the Massachusetts State Board of Education issue, and how extensively were they read?
41. Do you employ "artificial" or "natural" incentives?
42. Why should light come from the left?
43. Can you illustrate "analytic" and "synthetic" methods?
44. Is Plymouth required by law to give instruction in Manual Training?
45. How many High Schools are there in Massachusetts?
46. What was meant by a "prudential committee?"
47. When was the original State Board of Education established?
48. What position was Horace Mann holding at the time of his death?
49. What do the following names mean to you?  
Pestalozzi. Herbart. Froebel. Comenius. Rousseau.
50. How many weeks per year is Plymouth required to have schools in session?
51. Can you illustrate a principle in pedagogy? a method in pedagogy? a device in pedagogy?
52. To what Training school are Plymouth boys sent?
53. In what year did the General Court first require towns to maintain schools?
54. How many years since the last State Normal school was erected?
55. Are the Five Formal Steps inductive or deductive?
56. When was the American Institute of Instruction organized?
57. Can you pronounce *all* of the following? Gallows, squalor, bellows, orthoëpy, lamentable, cochineal, apron, vase, depot, eczema, canine sacrilegious acclimate.
58. Can you make several statements about the Hornbook and The New England Primer?
59. Can you mention at least ten colleges in Massachusetts?
60. What are some of the features of the present labor law?

61. Do you emphasize the merits or the demerits of your pupils?
62. What is the maximum number of pupils per teacher as per statute?
63. Do you use exclusively the "topic" method? the "question" method?
64. What were "dame" schools?
65. Do you *ever* appeal to a pupil's sense of shame before his schoolmates?
66. Who is the U. S. Commissioner of Education?
67. Are you indiscreet enough to assign a school duty as a penalty for misconduct?
68. When was the establishment of free public libraries authorized in Massachusetts?
69. Do you favor the Grube method?
70. What have the following to do with teaching? *Concept, perception, apperception.*
71. Where and when was the first instance of professional supervision of schools in Massachusetts?
72. Does the teacher injure the pupil or his own reputation by using sarcasm?
73. Do you fully appreciate the difference between *passive* and *active* attention?
74. How many teachers have become members of the Massachusetts Teachers' Retirement Association?
75. The best teachers strive to cultivate the *heart-power* of Pestalozzi—do you?
76. For how many years after the Pilgrim Fathers set foot on Plymouth Rock was the Colony without a public school?
77. Has the "Socratic" method merit?
78. When was the first Commissioner of Education in Massachusetts appointed?
79. Are you a subscriber to an educational paper?
80. What is the "Fitchburg Plan?"

81. How many persons compose the State Board of Education?
82. What is the statute regarding the observance of Memorial Day in the public schools?
83. What is the procedure in dismissing a public school teacher?
84. To what positions in the public school service are school committees ineligible?
85. What is the statute regarding the display of the United States flag on school houses?
86. Why are educators so divided as to the advisability of forming Parent-Teacher Associations?
87. Are you able to compute the amount of your retirement allowance?
88. What is the statute in regard to injury to school houses or property?
89. What were the causes of the rise and decadence of the New England academies?
90. In what year was the first compulsory school attendance law in the United States enacted?
91. How long did it take Horace Mann to realize that *compulsory* attendance in the public schools was necessary?
92. In what year was the Massachusetts School Fund established?
93. Should school committees be appointed or elected?
94. Can you tell anything of the history of the District School Libraries?
95. What place has the honor of opening the first evening school in New England?
96. To what use can the Todd Normal School fund be put?
97. Is Moral Instruction required by State law?
98. May a member of a school board receive compensation for his services?
99. Why should graduations in grammar schools be abolished?
100. Is the employment of a school nurse compulsory?

## CONCLUSION.

The attitude of the citizens of Plymouth toward its schools is magnanimous. It may be fitting to enumerate some of the earmarks of the educational system which the voters support.

1. An approved High School.
2. A Junior High School.
3. Good elementary schools.
4. Genuine medical inspection.
5. School Nurse.
6. Dental Inspection and treatment.
7. Manual Training.
8. Cooking and Sewing at High School.
9. Cooking and Sewing in the elementary schools.
10. School Savings Bank System.
11. An over-age school.
12. Vacation schools.
13. Evening schools.
14. Special attention to non-English speaking children in day schools.
15. Folk dancing and organized play.
16. No standing committees on school board.

I wish to extend my appreciation to all connected with the schools, directly or indirectly, for their part in making the educational system of Plymouth what it is.

Respectfully submitted,

CHARLES A. HARRIS,

*Superintendent of Schools.*

January 15, 1916.



## LIST OF TEACHERS.

### *High School.*

Wm. C. Whiting, Principal, 3 Lothrop street.  
Walton E. Briggs, 5 Lothrop street.  
Elizabeth Mackenzie, 2 Sever street.  
Helen L. Barnes, 6 Carver street.  
Helen W. Smith, 18 Allerton street.  
Mary R. Miller, 7 Brewster street.  
Lucia M. Richardson, 9 Sever street.  
Mildred B. Skerry, 9 Sever street.  
Mary-L. Lowden, 24 Allerton street.  
Gertrude Darling, 3 Lothrop street.  
Laura M. Palmer, 19 Franklin street.  
Almira B. Coffin, 2 Sever street.  
Edna M. Sturtevant, 7 Brewster street.

### *Hedge School.*

Grade 1. Elizabeth H. Sampson, Principal, Clifford Road.  
" 1. Dora L. Dexter, Stafford street.  
" 1. Helene E. Field, 12 Sever street.  
" 2. Grace N. Bramhall, 12 Sever street.  
" 2. Ruth M. Gammons, 36 Mayflower street.  
" 2. Bertha E. McNaught, 6 Samoset street.  
" 3. Lucy L. Hildreth, 133 Court street.  
" 3. Ella F. Robinson, 12 Sever street.  
" 4. Mary J. Pimentel, 15 Savery avenue.

### *Knapp School.*

Grade 8. William I. Whitney, Principal, 6 North street.  
" 7. Maude H. Lermond, 6 North street.  
" 6. Lydia E. Holmes, 261 Court street.  
" 6. Eva M. Garvin, 27 Mt. Pleasant street.  
" 5. Katherine G. Zhan, 320 Court street.  
" 5. M. Alice Morong, 133 Court street.  
" 4. Frances M. Phipps, 102 Allerton street.  
" 3. Annie S. Burgess, 37 Union street.  
" 1.



*Cold Spring.*

- Grade 2. Gertrude C. Bennett, 12 Stafford street.  
“ 3. Mabel F. Douglas, 200 Court street.

*Alden Street.*

- Grade 5. Susan C. Thomas, 200 Court street.

*Allerton Street.*

- Grade 1. Lillian M. DeYoung, 10 Winslow street.

*Oak Street.*

- Grade 1-2. Agnes V. Eaton, 19 High street.  
“ 3-4. Bertha H. Smith, 22 Pleasant street.

*Burton School.*

- Grade 3-4. Grace Blackmer, 5 Warren avenue.  
“ 4. Teresa A. Rogan, Newfields street.  
“ 7. Abbie E. Ashton, 28 Vernon street.  
“ 7. Florence I. Murray, 11 Lothrop street.

*Cornish School.*

- Grade 8. Addie L. Bartlett, Principal, 22 Pleasant street.  
“ 8. Frances I. Bagnell, Kingston, Mass.  
“ 6. Jean Murray, 11 Brewster street.  
“ 6. Mary M. Dolan, 11 Lothrop street.  
“ 5. M. Etta Cooney, 10 Winslow street.  
“ 5. Charlotte E. Lovering, 12 Sever street.  
“ 3. Susie G. Thompson, 21 Stafford street.  
“ 2. Arline Avery, 28 Allerton street.  
“ 1. Margaret L. Christie, 401 Court street, No. Plymouth.

*Mt. Pleasant School.*

- Grade 7. Augusta M. Morton, Principal, 162 Sandwich street.  
“ 6. Vera E. Libby, 38 Union street.  
“ 5. Grace L. Knight, 133 Court street.  
“ 4. Marguerite C. Rogers, 23 South street.  
“ 3. Helen H. Linnell, 72 Warren avenue.  
“ 1. Lizzie E. Mitchell, 5 Mt. Pleasant street.

*Wellingsley.*

Grades 1, 2, 3, 4. Cora W. Gray, 133 Court street.

*Chiltonville Grammar.*

Grades 6, 7, 8. Margaret L. McNamara, Warren avenue, near  
Cliff street.

*Cliff Street.*

Grade 1-5. Helen D. Stranger, 126 Sandwich street.

*Chiltonville Primary.*

Grade 1-5. Catherine W. Sampson, Clifford Road.

*Russell Mills.*

Grade 1-5. Mary A. Morton, Chiltonville.

*Manomet.*

Grade 1-4. Grace F. Farrington, 1 Mt. Pleasant street.

“ 5-8. L. A. M. Black, 131 Sandwich street.

*Vallerville.*

Ungraded. Mary E. Robbins, 7 Water street.

*Cedarville.*

Ungraded. Rhoda M. Haskell, Bournedale.

*Long Pond.*

Ungraded. Alice G. Cooper, 54 Standish avenue.

*Spooner Street.*

Grade 3-4. Susan M. Quinn, 147 Main street, Kingston.

*Household Arts.*

Hazel A. Ross, 38 Union street.

*Music Supervisor.*

Laura E. Brown, 5 Holmes terrace.

*Manual Training and Drawing.*

Jennie F. Stratton, 2 Sever street.

Dorothy Nichols, Cohasset.

*Morton School.*

Katherine A. O'Brien, Principal, 23 Nelson street.

F. L. Shea, 18 Allerton street.

Edith F. Folsom, 18 Allerton street.

Eunice B. Paulding, 12 Sandwich street.

*Lincoln Street.*

Grade 1. Grace R. Moor, 110 Sandwich street.

“ 2. Helen G. Annis, 102 Allerton street.

*South Street.*

Grade 2-3. Bertha E. Hood, 38 Union street.

*Special School.*

Mary L. Jackson, 7 North Green street.

## HIGH SCHOOL REPORT

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Superintendent Charles A. Harris:—

I respectfully submit my fifth annual report for the Plymouth High School.

The past year has witnessed a marked growth in numbers. The total enrollment for the present year is 312 pupils. This is a gain of 33 over the enrollment for the corresponding period last year. The growth of the school during the past four years has surpassed the expectation of every one connected with the school department, yet it has been a healthy growth and the school is steadily increasing in efficiency. The pupils whom we have sent to higher institutions are doing well, while those who have entered the business world are proving that those who are taking our commercial course are as well, if not better trained than in almost any High School in the State.

### *Teachers.*

There have been several changes in the teaching force during the past year. Miss Elsie A. Salthouse, the efficient head of our Modern Language Department, resigned to accept a position in her home city, and Miss Mildred B. Skerry, a graduate of Boston University in 1910, was elected. Miss Anne E. Ottley, the head of the English Department, resigned to accept a more lucrative position in Chelsea. Miss Ethel Schoonmaker, a graduate of Radcliffe College, who was elected to this position, was obliged on account of ill health, to ask for a month's leave of absence at the beginning of the year, and then to resign at the end of two months' work. Miss Hannah W. Kelsey substituted very acceptably during the first period, and then Miss Grace Darling,

who received her training at the Framingham Normal School, the University of Chicago, and Oxford University, England, was engaged. Miss Elizabeth Hunter, the head of the History Department, resigned on account of the ill health of her mother, and Miss Mary L. Lowden, a graduate of Boston University in 1914, was elected. Miss Laura M. Palmer, a graduate of Boston University in 1914, and Miss Almira B. Coffin, a graduate of Brown University in 1915, were elected as assistants in the Commercial and Science Departments.

While all these teachers have taken up their work with an enthusiasm which augurs well for their success, it is unfortunate for any school to have such a large per cent. of changes in one year. I would therefore call attention with especial emphasis to what was said in the report last year: "Any Town or City which cannot retain the services of its successful teachers for a period of years is seriously handicapped in its educational work. This is especially true of the High School, and I cannot too strongly urge the adoption of a policy which will enable us to retain the services of our efficient teachers. I believe this would yield a return of more than 100 per cent. on the money so expended."

#### *Athletics and Social Activities.*

The School has had, comparatively, a successful year in athletics. Both the baseball and football teams have been stronger than usual and have won a majority of the games played. A significant fact in regard to the management of our athletics is the increased number of boys who are coming out for these sports. A system which would make it obligatory for every boy to take some form of physical exercise would be ideal. I hope this may be possible in Plymouth in the near future.

The socials which we have held in High School Hall have been well attended and enjoyed by all. The plan of having each class take charge of one social has created a spirit of friendly rivalry and has greatly increased their popularity. The parents are cordially invited to attend these socials and that more do not

take advantage of this invitation is a cause of regret to those who have them in charge.

### *Length of Session.*

Each year I am becoming more and more convinced of the necessity of having more time in school for study. The reason for nine out of every ten failures, in my opinion, lies in the fact that the pupil does not have regular habits of study and does **not** know how to concentrate his mind upon the subject at hand. In many cases the home work is done where other things are going on, and in the evening when the pupil is physically tired. In most cases, good work is impossible under these conditions.

Some schools have already adopted the plan of lengthening the school session in order that the length of the recitation period may be increased. This gives ample time for the regular recitation work and in addition a portion of the period is devoted to the supervised study of the lesson for the following day. Where this has been tried, a great improvement in the work has been noticed. Such a plan would be very beneficial to the pupils in the freshman and sophomore classes. If the number of recitation periods per day in our school be reduced to five and the length of the school day be increased one half hour, the class period could be increased to one hour. This would give ample time for the above plan.

I do not believe this would bring any unnecessary hardship to either parents, pupils, or teachers. I would therefore recommend that this matter be taken under serious consideration.

### *The Lunch Counter.*

The lunch counter is, I believe, an absolute necessity in the modern High School. That brain workers need good nourishing food, and that the quality of work which they produce depends to some extent upon their diet, is a well known fact. Many of our pupils come to school in the morning without sufficient nourishment (because they have no appetite at that time of the day)



for the strenuous session before them. When recess comes they are ravenously hungry, and that they should be obliged to depend upon the sweets of a bakery for their lunches is not only injurious to their digestion but also to their welfare in school.

We have a domestic science department whose efficiency is becoming more marked each day. A Lunch Counter under the management of this department, in my opinion, could not only be made self supporting, but also furnish wholesome and nourishing food for the pupils at a much less cost than they are now paying. We would also have the added convenience of keeping the scholars on the school grounds during the entire school session. If the plan of lengthening the school session were adopted, the lunch counter would be an absolute necessity. I would therefore most earnestly recommend that before another year the school be equipped with conveniences for serving lunches.

In closing I wish to thank the School Committee and you for the hearty support you have given me at all times, and to express my appreciation for the untiring efforts of my associates for the continued success of the school.

Respectfully submitted,

WILLIAM C. WHITING, *Principal.*





PLYMOUTH HIGH SCHOOL

Class of 1915.

*Annual Graduation Exercises.*

*Old Colony Theatre.*

Evening of June Twenty-Eighth, Nineteen Hundred Fifteen,  
at Eight o'clock.

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PROGRAMME.

Invocation, Rev. C. P. Marshall.

"Be Not Afraid," from "Elijah,"

*Mendelssohn*

School Chorus

Salutatory and Essay,

Gladys K. McCosh

Essay,

John Anderson

"My Heart at Thy Dear Voice," from "Samson and Delilah,"

*Saint-Saens*

School Chorus

Essay,

F. Roger Paty

Piano Solo, Svanen,

*Palmgren*

Cracovienne Fantastique,

*Paderewski*

Dorothy Dorr

Essay,

Roy H. Burgess

Essay with Valedictory,

Esther T. Johnson

"Venetian Summer Night,"

*Moszkowski*

School Chorus

Presentation of Diplomas,

W. M. Douglass, Chairman of the School Committee

“Hail Noble Hall,” from Tannhauser,  
School Chorus

*Wagner*

Singing of Class Song,

Class of 1915

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CLASS SONG OF 1915

For four short years as class-mates, we  
Have gathered here each day,  
But now the time has come to part  
For each must go his way,  
In future paths of labor  
As yet to some unseen;  
And may success e'er follow  
The class of 1915.

Oh cherished memories of the past,  
Strengthen our pathway on,  
Put truth and reverence in our hearts  
And courage ever strong,  
That we may face life's stormy sea,  
Tho' rough at times it seem;  
And may the best e'er follow  
The class of 1915.

Our parting song we sing to-night  
We close our sojourn here,  
“By labor and by honor,” this  
Our motto, we hold dear;  
To the dear old school we love so well,  
To the teachers we esteem;  
Farewell dear comrades; fare-thee-well,  
The class of 1915.

—Words by Laura C. Morton

—Music by Dorothy Dorr

CLASS OF 1915

*"Labore et Honore"*

John Anderson*	Andrew Bartlett Holmes
Richard Diman Barnes	Horace Ward Holmes
Thelma Stevens Bartlett	Carl William Johnson
Roy Ellsworth Beaman*	Dumas Alexander Johnson
Frederic Arthur Bliss	Esther Theresa Johnson*
Lillian May Bodell	Gladys Kathryn McCosh*
Ruth Hunting Bradford	Earl Wallace Morton
Roy Hall Burgess*	Laura Cobb Morton
Gertrude Cohen	Alice Mary Murphy
Alton Paine Cole	Kate Reynolds Murray
Carl Lester Covell	Frederick Roger Paty*
Joseph Henry Denehy	Florence Hazel Raymond
Francis Story Devereux	Walter Russel Roberts
Dorothy Dorr	Mary Grace Rogan
Jerusha Holmes Doten	Eugene Perry Rowell, Jr.
Lucy May Doten	Louis Sadow
Ellen May Downey	Isabel Ellis Sherman
Margaret Frances Downey	Elizabeth Snell
David Arthur Edgar	Helen Frances Stegmaier
Helen Fowler	Minnie Steinberg
Ruth Joseph Gerety	Ernest Francis Tillson
Dorothea Elizabeth Gove	Gertrude Louise Weston
Marion Leslie Hathaway	

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\*Represented the class at graduation.



## REPORT OF ATTENDANCE OFFICER

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To Mr. Charles A. Harris, Supt. of Schools:—

I respectfully submit the following report from Jan. 1, 1915,  
to Jan. 1, 1916.

	Cases of Truancy	Cases of Sickness	Other Cases of Absence Investigated	Totals
Alden Street School,	3	1	2	6
Allerton Street School,	0	1	0	1
Burton School,	11	11	25	47
Cedarville School,	0	0	2	2
Cold Spring School,	1	7	9	17
Cliff Street School,	0	0	1	1
Cornish School,	15	20	53	88
Cornish Evening School,	0	1	2	3
Chiltonville Grammar School,	0	1	6	7
Chiltonville Primary School,	0	0	3	3
Hedge School,	9	12	37	58
High School,	0	0	4	4
Individual School,	0	4	13	17
Knapp School,	15	5	47	67
Lincoln Street School,	0	1	1	2
Mount Pleasant School,	6	14	15	35
Nath. Morton School,	5	10	24	39
Oak Street School,	3	1	0	4
Spooner Street School,	1	2	18	21
South Street School,	0	0	2	2
<hr/>				
Number of homes visited,				424
Number of employment certificates investigated,				19
<hr/>				
Total number of investigations,				443

Found on street and taken to school,	3
Number of visits to schools,	31
Number of habitual absentee cases brought to court,	4
Number of truancy cases brought to court,	3

I wish to thank the Superintendent and teachers for the kind assistance which they have given me during the past year.

Respectfully submitted,

JOHN ARMSTRONG,

*Attendance Officer.*

## REPORT OF SCHOOL PHYSICIAN

### FOR THE YEAR ENDING DECEMBER 31, 1915.

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Medical inspection logically involves a study of the conditions under which children live and work, and demands a constant effort to improve those conditions which tend to produce diseases and defects. It also requires as definite and exhaustive information about the physical condition of each pupil as can possibly be acquired in order that existing defects may be recognized and either removed or their harmful effects minimized by remedial measures, or the modification of teaching conditions, to meet the requirements of the defective child. As a practical aid in acquiring as complete a knowledge of the physical condition of each child as possible, a card index has been in use for some time, but with the new year a change has been inaugurated in the keeping of the records, which will make them much more useful.

In the first place a new form of record card has been devised which includes much valuable information which the old card did not include, such as the address of the child, which is of constant use to the School Nurse. It also shows whether the child has had one or more of the contagious diseases. On the reverse of the card is a tabular view of the physical condition of the child for each year of school life, including the test of vision and hearing, and the measurements required for the proper adjustment of the desk and chair.

[illegible]

Face of Card

## PHYSICAL RECORD

[illegible]

REMARKS

Reverse of Card

The new form is not however of as great importance as the fact that the cards are to be placed in a number of the larger schools requiring regular supervision.

Heretofore all cards have been on file at a central office. Under the new system each time a child is seen by the nurse or doctor, the physical record of the child will be before them, and the cards will also be available for reference by the teachers at any time. The advantages of this arrangement are as obvious as were the disadvantages of the old way, for what did it profit Johnnie Jones if he were examined and found to have adenoids, and the information was then carefully filed away in an office never to be seen again perhaps, except for the compilation of statistics? Eventually all cards will be filed at the schools where they belong.

#### *Dental Clinic.*

The work of the dental clinic has been going on regularly during the past year. We now have five dentists who serve two months a year without compensation, the clinic being held on Saturday mornings from 8.00 to 10.00 at the committee rooms, Town Square.

From January, 1915, until school closed in June, there were 23 clinics held, 22 of them being on Saturday mornings, and one on a Wednesday afternoon. The first clinic of the year 1915, was held on January 2, and they were held thereafter until the close of school as follows:

January 2, 9, 16, 23. February 6, 13, 20, 27. March 6, 13, 20, 27. April 10, 17, 24. May 8, 15, 19 (Wednesday), 29. June 5, 12, 16 (Wednesday), 26.

From September, 1915, until January, 1916, there were 15 clinics held, 13 of them being on Saturday mornings, one on a Wednesday afternoon and one on a Tuesday morning. The first clinic of the new term was held on September 11, and thereafter to January, 1916, as follows:

September 11, 18, 25. October 2, 9, 16, 23, 30. November 6, 10 (Wednesday), 20, 23 (Tuesday). December 4, 11, 18.

The dentists who are working with us are deeply interested in the problem of caring for the mouths of school children, and a meeting was held Friday afternoon, November 19th, at the school committee rooms to talk over the situation. It was the opinion of those present that the best chance the dental clinic has of making progress toward the solution of this problem lies in preventive measures, both operative and educational. In other words, that in view of the large number of children involved, it was hopeless to attempt to do much in the way of filling, but that time could be spent to advantage in cleaning mouths and instructing children how to keep them clean.

The following chart made from statistics taken from the records of the School Physician, the result of an examination of all the public school children, is interesting in this connection. Each column represents a grade, and the height of the column shows the number of children in the grade as indicated by the numbers at the left. The black portion of the column shows the proportion of children in each grade whom the School Physician's record showed had defective teeth, and this means obvious defects which any one could see by looking into the mouth without the use of special instruments. Examination by dentists would show a much larger proportion, for instance of the 410 children examined in the same year, 1914, by the dental clinic, over 88 per cent. showed dental defects.



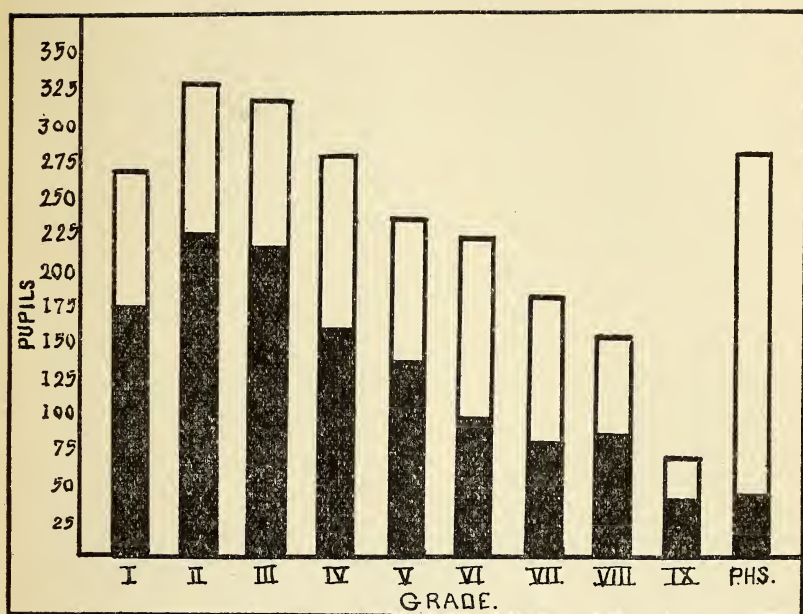


Chart showing proportion of Children with obviously defective teeth, as shown by the records of the School Physician for 1914.

The small proportion of those in the High School having defective teeth is not as might at first be supposed, wholly on account of the better care these pupils give them, although they do give them better care than the grade pupils. If the improvement in the High School were due wholly to the fact that pupils paid more attention to the hygienic conditions of their mouths as they get older and approached maturity, the eighth and ninth grades should show a very marked improvement over the grades below them, but this is not noticeable until we come to the first three grades, where the proportion having defects is greatly increased by the disintegration of the milk teeth. It seems then, that the better conditions in the High School must be due to the fact that the personnel of that school is largely made up of those pupils who have taken better care of their teeth all through their school life.

The following data have been taken from the records of the clinic for the past year.

For the most part, the work at the clinic for 1915 was devoted to the pupils at the Knapp School. In April, May and June, the pupils of the Burton Individual or Special School were treated, and two were sent in from the Hedge School. Only nineteen examinations were made, as the work of 1915 was done on pupils examined in 1914.

*Knapp School.*

Number of pupils who were treated,		74
Number of fillings,	97	
Number of cleanings,	29	
Number of extractions,	12	
Number treated for toothache,	3	
	<hr/>	
Total number of fillings, cleanings, etc.,		141

*Burton Special School.*

Number of pupils who were treated,		17
Number of fillings,	6	
Number of cleanings,	15	
Number of extractions,	5	
	<hr/>	
Total number of fillings, cleanings, etc.,		26

*Hedge School.*

Number of pupils who were treated,		2
Number of fillings,	2	
Number of extractions,	1	
	<hr/>	
Total number of fillings and extractions,		3

From the foregoing tables, we make the following totals:

Total number treated,	93
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Total number of fillings,	105
Total number of cleanings,	44
Total number of extractions,	18
Total number treated for toothache,	3
<hr/>	
Total number of treatments,	170

Thus the total number of treatments for the year 1915 was 170, which is 57 more than the figures of last year show. Some 250 tooth brushes have been distributed during 1915, for the most part by the School Nurse.

### *Contagious Disease.*

The only epidemic which has approached serious proportions has been the one of measles which is still smouldering. So far it has been confined almost entirely to the north part of the town, and if it fails to develop and dies out without affecting practically all children who have not previously had the diseases, as has invariably been the case with all previous epidemics, we may fairly attribute it to the pains-taking efforts which have been made to check its spread in the schools.

The new rules governing school attendance with relation to contagious disease have been vigorously enforced, and the school nurse has done splendid service in this connection, looking up suspected cases in the homes where often no doctor is called, excluding suspected cases from school and seeing that children were not admitted who might be a source of contagion. As a further safeguard, all cases of contagious disease are reported to the School Physician by the Board of Health, and are at once telephoned to the schools in the locality in which they exist, thus enabling the teacher to be on the watch for members of the family who might appear.

The following contagious diseases among school children have been reported by the Board of Health:

Diphtheria, 7; Scarlet fever, 4; Measles, 22; Mumps, 3; Tuberculosis, 1; Trachoma, 4.

During the Christmas vacation all desks and chairs in the Cornish, Burton, Knapp and Hedge schools were scrubbed with disinfectant and all school rooms thoroughly aired. In this connection it is interesting to note a recent change in the procedure in New York City in case of contagious disease. Formerly disinfection was by fumigation, now fumigation is omitted and cleaning is considered vastly more effective.

The Editor of the *Journal of the American Medical Association* (Jan. 15, 1916), says in answer to a query about the efficiency of fumigation, "The value of routine fumigation of rooms as a means for preventing the spread of infectious diseases has been seriously questioned of late years. The experience of the health authorities at Providence, R. I., extending over many years, indicates that the abandonment of room disinfection is not followed by any noticeable increase in the number of secondary cases. In New York City, terminal disinfection has been omitted since 1913 in cases of scarlet fever and several other diseases. Milwaukee, Boston and other cities have followed the example set by the authorities of Providence and New York, and in no case has there been evidence of the increase of diseases like diphtheria, measles and scarlet fever in consequence of the discontinuance of room fumigation."

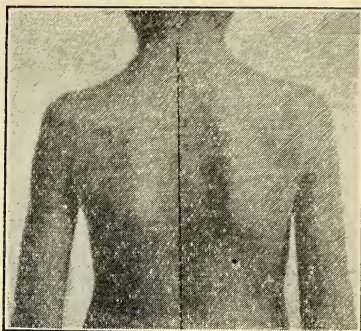
#### *Postural Defects.*

Twenty-four cases of spinal-curvature are reported this year, and these are only a very small proportion of what a more searching examination would show. Dr. Champion, State District Health Officer, says that it has been found that 30 to 40 of all children above the fifth grade have spinal curvature. The cases reported here are the obvious ones, and they are all of the so-called postural kind which might be prevented. This defect makes children appear one sided, with one shoulder higher than the other, or they are stoop, or "round" shouldered with protruding shoulder blades, flat chest and chin thrust forward.





Stoop shoulders, a condition which can be corrected if taken in time.



Postural curvature of the spine, also can be corrected.

The cause of these abnormal attitudes is sometimes to be found in a poorly nourished body which does not have sufficient vitality to hold itself in a proper position. Unfortunately school life has a well recognized tendency to produce defects of this sort, as noted by many authorities, so that every means at our disposal should be employed to obviate so far as possible the ill effects. The type of desk in use encourages stooping because the top is too flat, and it is too far in front of the pupil, but it is the only one available at present. Careful adjustment of desks and chairs to the requirements of each child, good light, fresh air and frequent breaks in the desk work do much to minimize the harm.

A simple strap put on back of the neck, carried forward over the shoulders, back under the arms and strapped across the back, is recommended by Dr. Lucien Howe of Chicago, as beneficial in the correction of stoop shoulders, and will be tried in suitable cases.

A class has been formed at one of the larger schools under the direction of the School Physician for the correction of defects of this sort, and although it is too early to say much about results, appearances are certainly encouraging. The children are interested and take pride in their improved appearance, for a certain

amount of improvement is immediate when their faults are explained to them and they are shown how to correct them.

The corrective exercises used are arranged in two groups as follows:

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GROUP 1.

Position!

Hands on hips. Move!

Head, Bend—backward	Move!	Place!
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Head, Bend—forward	Move!	Place!
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Head, Bend—right	Move!	Place!
------------------	-------	--------

Head, Bend—left	Move!	Place!
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Head, Turn—right	Move!	Place!
------------------	-------	--------

Head, Turn—left	Move!	Place!
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Head, Circle—right	Move!	
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Head, Circle—left	Move!	
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Position!

Hands on hips. Move!

Body, Bend—backwards	Move!	Place!
----------------------	-------	--------

Body, Bend—forward	Move!	Place!
--------------------	-------	--------

Body, Bend—right	Move!	Place!
------------------	-------	--------

Body, Bend—left	Move!	Place!
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Body, Twist—right	Move!	Place!
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Body, Twist—left	Move!	Place!
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Body, Circle—right	Move!	
--------------------	-------	--

Body, Circle—left	Move!	
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Position!

Arms circle, body bend—Move!

Rest!



## GROUP 2

Position!

Arms 1 Forward Move!

Arms 2 Backward Move!

Arms 3 Upward Move!

Arms 4 Position!

(Repeat numerically 5 times)

Hands on back, Move! (Thumbs should touch at back)

Elbows, backward Move! Place!

(Repeat numerically 10 times)

Position!

Breathe. Arms upward, Move! Place!

(Repeat 5 times)

It is the design of the first group to loosen up the spinal column by bending and twisting exercises, and of the second group to give a permanent proper position by suitable setting up exercises.

---

## SCHOOL NURSE.

Report for the year 1915.

Number of visits to homes .....	533
Number of visits to schools .....	605
Contagious diseases found in schools .....	73
Contagious diseases found in homes .....	77
Cases treated in schools .....	1148
Referred to physicians .....	44
Number of inspections of children .....	6730
Operated for enlarged tonsils and adenoids .....	14

Eight of these cases were treated at the Boston Homeopathic Hospital, and six at the Jordan Hospital at a minimum cost,

physicians having given their services in each case. Other physicians have also kindly given their services in eye, ear, and other diseases.

Signed, SUSIE MACDONALD, R. N.

It will be noted that Miss Macdonald reports 14 children operated for enlarged tonsils and adenoids. This does not mean that there were no more needy cases that required attention, for there are a great many such cases desperately in need of relief, but the lack of funds makes it impossible to do more toward removing the terrible handicap against which so many children are struggling.

The following chart will give some idea of the number of children in the public schools who have enlarged tonsils.

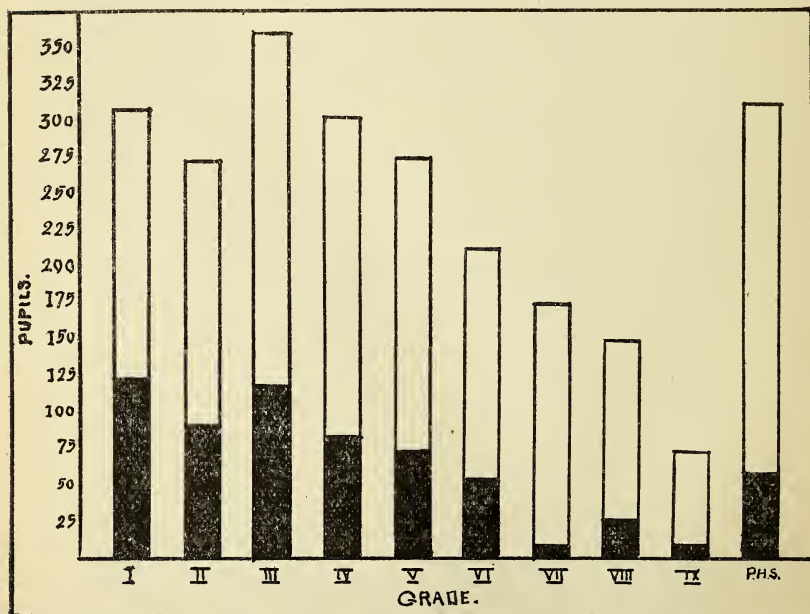


Chart showing the number of children in the public schools of Plymouth in 1915, having enlarged tonsils.

The columns represent the number of children in the various grades during the past year and the dark portion of the column shows the proportion of children in those grades who have enlarged tonsils. One hundred and fifteen children have enormously enlarged tonsils, in some cases nearly touching each other so that one wonders how the child can swallow solid food. Diphtheria is more likely to be fatal to children affected in this way. They are constant sufferers from colds, catarrh and sore throat, and are subject to earaches which result in more or less permanent impairment of hearing, and frequently a foul discharge from the ears.

Of what use is it to discover these conditions if we cannot help them? Any individual or organization wishing to contribute toward the relief of children whose parents are unable to provide suitable treatment for them, will communicate with the School Nurse or School Physician, and every effort will be made to see that any money contributed for this purpose is judiciously expended. There is a vast amount of work connected with getting these children cared for. After they have been discovered, the parents must be seen and tactfully brought to appreciate the seriousness of the defect. This alone is seldom easy and often impossible, even after months of patient pleading. Then an effort is made to get the mother's consent to let the child go to the hospital. If successful, arrangements must be made with the hospital to receive the patient. It often happens that when the hospital is ready, the mother has changed her mind, and the whole process must be gone over again. Finally the child must be taken to the hospital and left there, and when sufficiently recovered, brought back to the anxiously awaiting mother. All this work will be cheerfully done if transportation and hospital charges can be met in some way.

Many children with diseases and defects of the eye and ear, whose parents are unable to pay for treatment, are referred to the School Physician by the School Nurse and his office is open on Saturday mornings at 9.00 o'clock for them. During the

past year 138 such treatments have been given. There is urgent need of a place where needy children can receive general medical treatment in the same way.

*Fresh Air Room.*

In 1904 an open air school for backward children was opened in Charlottenburg, near Berlin. This school was able to demonstrate a marked improvement in the children attending it, both mental and physical, and the idea has been spreading until at present such schools are not unusual in this country, and are becoming more popular every day.

The atmosphere in an ordinary schoolroom in winter has about the same percentage of humidity as desert air, and the drier the air the warmer we are told it must be to be comfortable, which quite naturally leads to over-heating. Now dry over heated air has a most disastrous effect on the child. Such air is starving for moisture and finds it in the delicate mucous membrane of the child's nose and throat, leaving it in a dry and unnatural condition. When the child goes out of doors from one of these rooms, the nose and throat, robbed of their protecting secretion, are entirely unprepared for the shock of the cold outside air, and a congestion follows which in time becomes chronic, resulting in catarrhal processes with all their attendant evils.

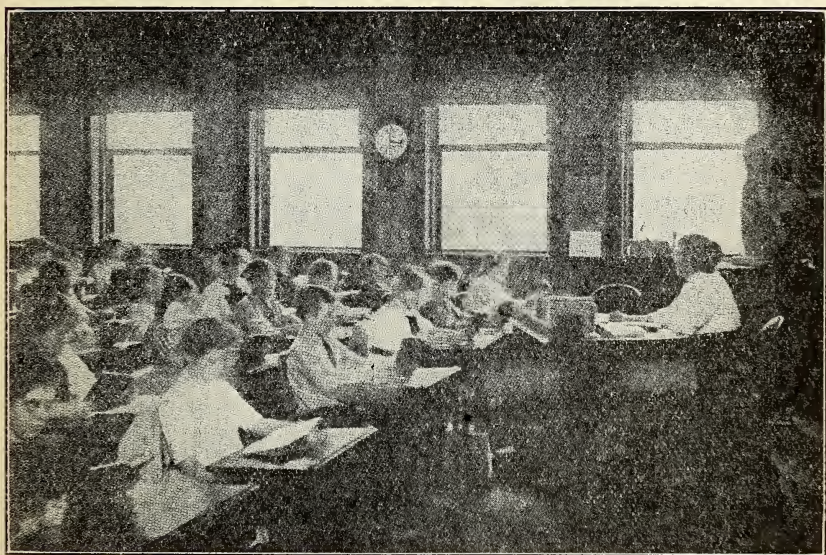
"It is a serious matter," says Kingsley, "when a school into which a child is forced actually contributes to his decline. The dull and backward pupil who cannot get his lessons is often kept after school. He has sat for hours at a rigid desk in an unnatural position, in an over-heated room, the over-dry, thirsty air sapping his already wilted system, the windows of the school room never opened because the janitor, the ventilating engineer, and perhaps the teacher, who likes to have the room at 75 or higher, says 'No.'"

Now it seems a pity with all out of doors full of good pure air that we must suffer for want of it in the school room. In our climate, though the open air school has been successfully



operated throughout the school year at Rochester, N. Y., the idea is too radical to become popular and the expense for equipment is prohibitive. There is, however, a method of introducing fresh air directly into the school room which seems very attractive. Dr. John B. Todd of Syracuse, N. Y., is an enthusiastic advocate of cloth screens for school room windows. He says, "The screens furnish fresh air of very low velocity from a large surface, with no heat loss from conduction, whereas, with the windows closed, we have a large area of glass cooling the air; glass transmits twenty times more heat than cotton. The slow diffusion of fresh air does not seem to cool the air in the room any more than it would be cooled by the glass if the windows were down."

The thing about this simple expedient which should most commend it to our earnest attention is the fact that Dr. Todd



Reproduced by permission  
Fresh air room in Sumner School, Syracuse, N. Y. Coldest day in winter, Feb. 10, when the thermometer outside registered zero.

assures us that "repeated humidity tests have shown that it (the humidity) is practically the same in these fresh air rooms that it is out of doors, which," he continues, "confirms Hobler that it can be obtained as easily by open windows as by a humidistat."

The air in the rooms screened in this way is said to be free from odors. One teacher says about a room thus screened, "The fresh clean air was always noticeable. Winter seemed forgotten here." Another says, "Since having the open air windows I find the children less restless. It is very easy to keep their attention. They do not seem tired even at the close of the school. The attendance has been good. The children themselves like the fresh air and do not complain of feeling cold. Personally, I have felt benefited by the fresh air."

The screens are inexpensive, the frame being of 7-8 inch by 1 3-4 inch pine, and the cloth unbleached sheeting. The Committee have already consented to allow the trial of a fresh air room here, and if funds can be obtained for its equipment, there is no reason why it should not become a reality.

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The following is a classified list of diseases and defects found among the pupils during the past year:

1. Communicable diseases—

Measles .....	1
Mumps .....	2
German measles .....	1
Tonsillitis .....	11
Trachoma .....	5
Pulmonary tuberculosis .....	2
Impetigo contagiosa .....	91
Pediculosis capitis .....	8
Pediculosis capitis-nits .....	65
Pediculosis corporis .....	1
Scabies .....	9



2. Diseases of the Oral and Respiratory Tract—

Enlarged tonsils—

(a) Moderately enlarged .....	291
(b) Large .....	232
(c) Greatly enlarged .....	115

Decayed teeth—

(a) Few cavities .....	367
(b) Many cavities .....	672
(c) Very bad condition .....	214

Adenoids .....	170
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Nasal catarrh .....	51
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Nasal obstruction .....	15
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Other diseases of the respiratory tract .....	11
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3. Diseases of the Eye—

Muscular asthenopia .....	106
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Conjunctivitis .....	138
----------------------	-----

Blepharitis .....	62
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Strabismus .....	21
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Defective eyesight .....	45
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Other diseases of the Eye .....	22
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4. Diseases of the Ear—

Acute middle ear disease .....	3
--------------------------------	---

Chronic purulent ear disease .....	9
------------------------------------	---

Defective hearing .....	32
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Other diseases of the ear .....	3
---------------------------------	---

5. Diseases of the Skin—

Acne .....	4
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Eczema .....	27
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Furuncle .....	13
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Herpes .....	2
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Rhus poisoning .....	18
----------------------	----

Other skin diseases .....	10
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6. Diseases of the Nervous System—

Chorea .....	1
Epilepsy .....	1
Mentally deficient .....	7
Nervousness .....	15
Paralysis .....	1
Other diseases of the nervous system .....	1

7. Miscellaneous—

Abscesses .....	3
Congenital hip disease .....	1
Anaemia .....	3
Spinal curvature .....	24
Enlarged cervical glands .....	33
Malnutrition .....	23
Organic heart disease .....	2
Uncleanliness .....	11
Wounds, burns, etc. ....	45
Gastric and intestinal .....	4
Other diseases not classified .....	13

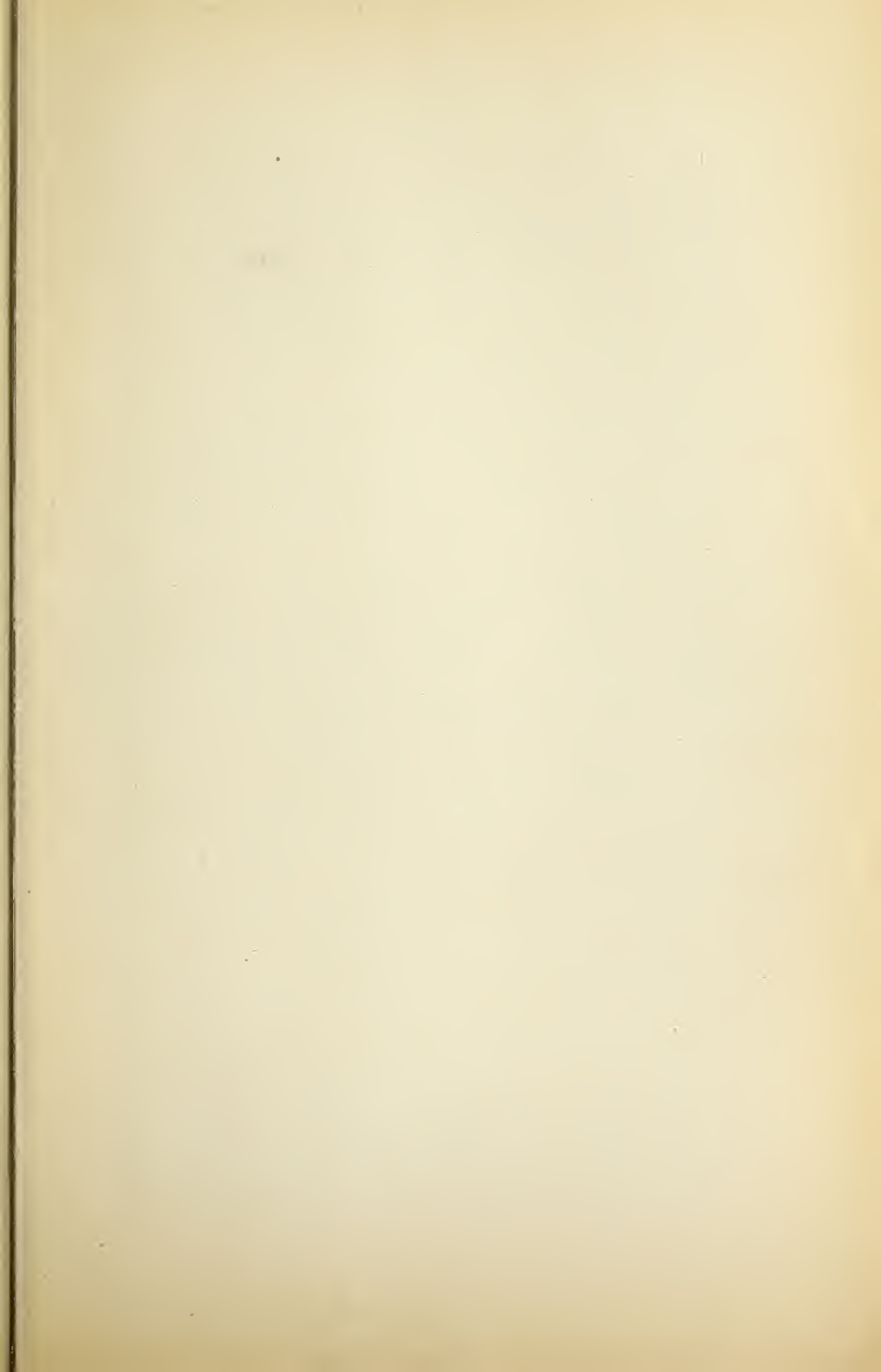
Summary from monthly reports of School Physician—

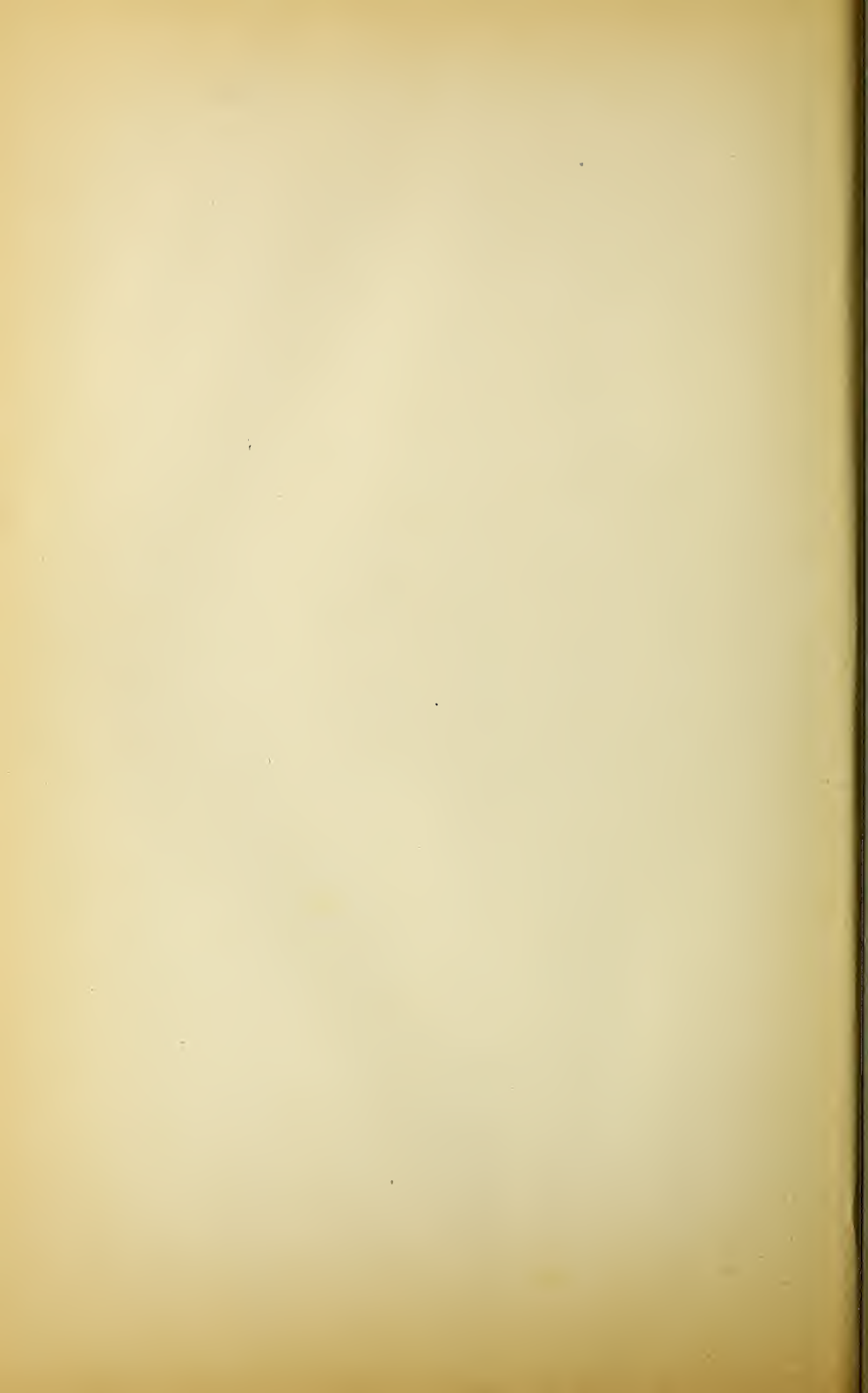
Number of visits .....	173
Number of personal examinations .....	3288
Number of permits signed by school physician .....	371
Number of permits signed by other physicians .....	22
Number of notices sent to parents .....	1489
Number of pupils sent home .....	91
Number of pupils referred to school nurse .....	155
Number of pupils examined for employment .....	56

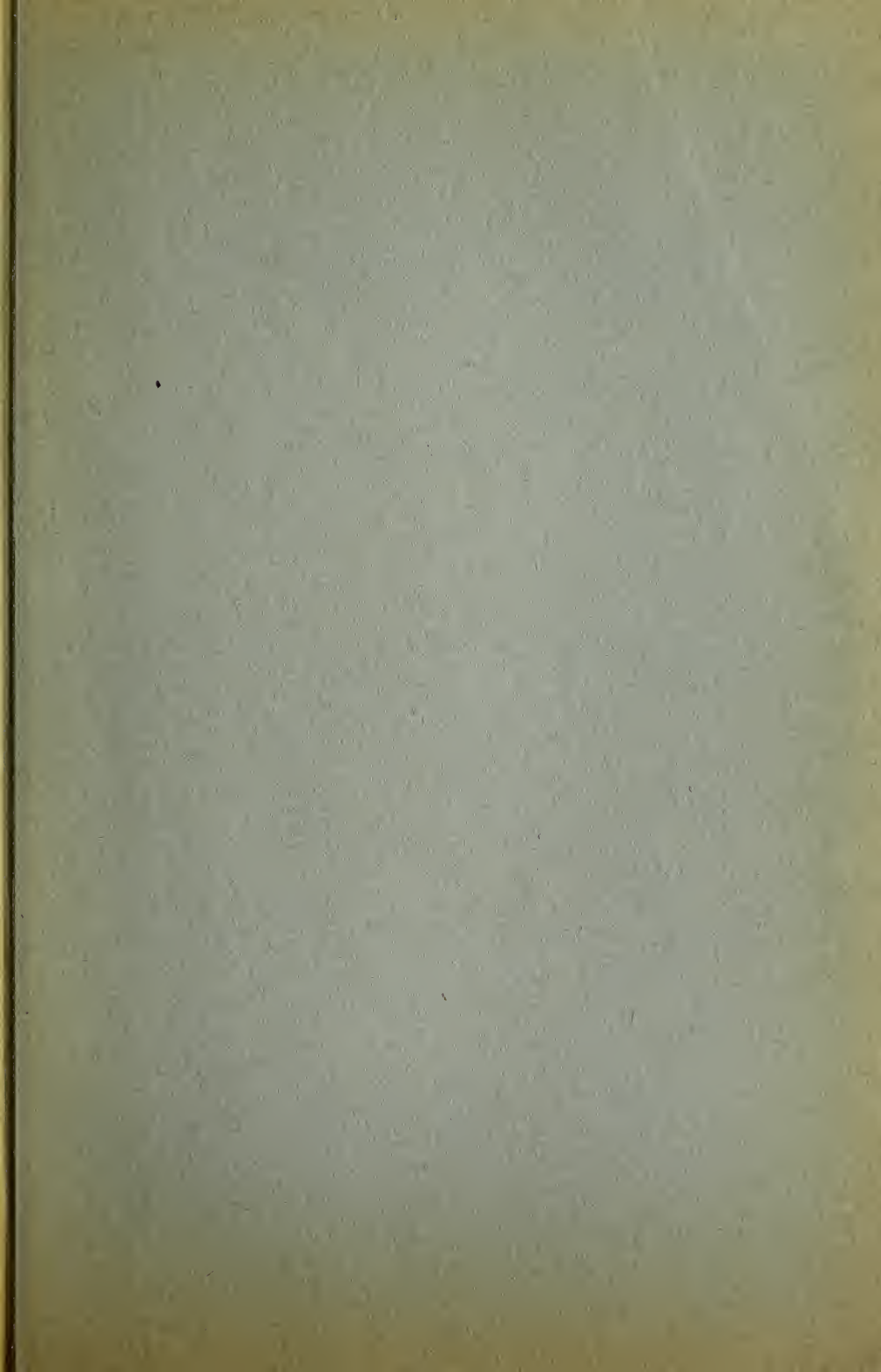
Respectfully submitted,

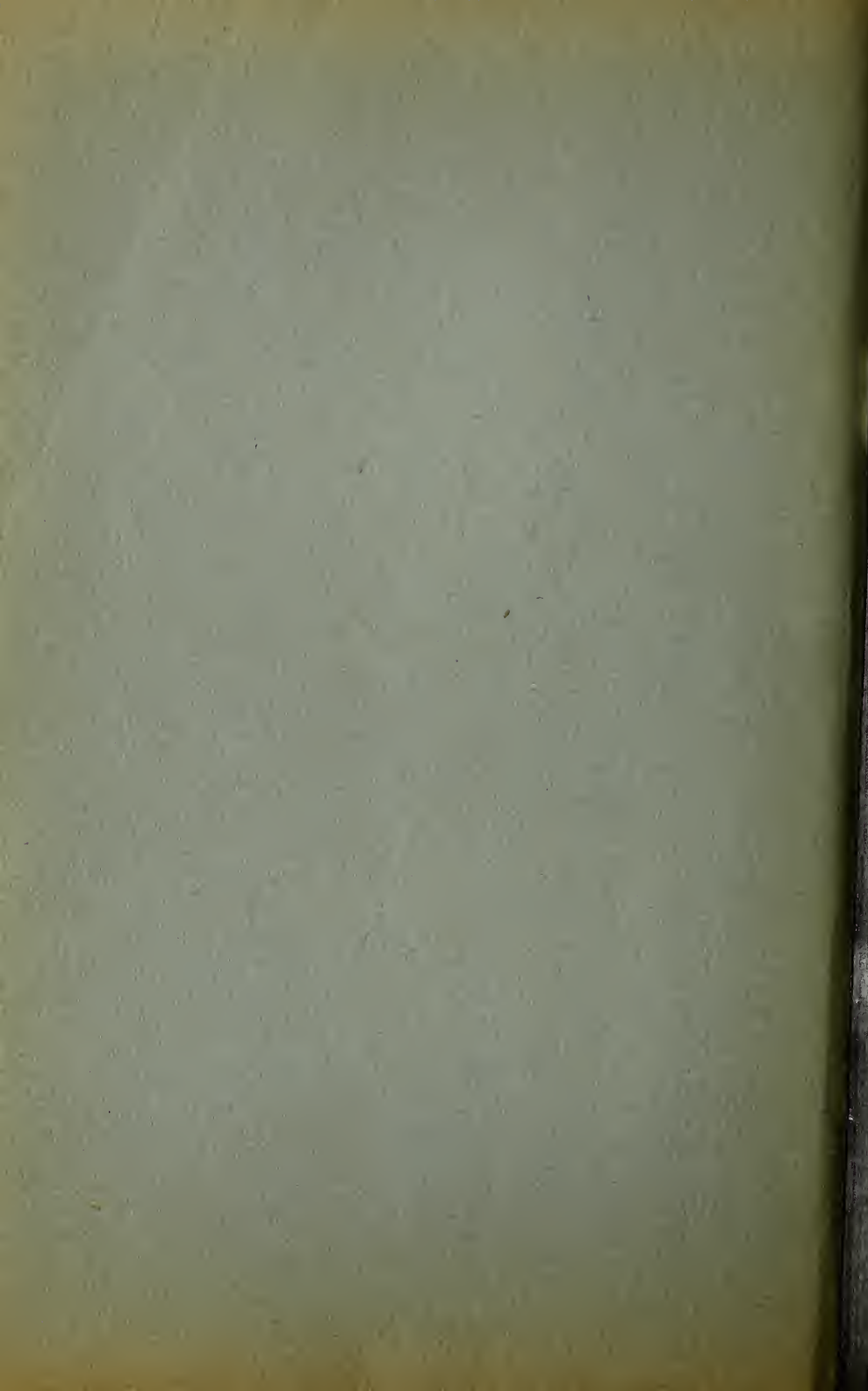
J. HOLBROOK SHAW, M. D.

*School Physician.*











# ANNUAL REPORT

OF THE

## TOWN OFFICERS

OF THE

## TOWN OF PLYMOUTH

For the Year Ending Dec. 31

# 1916



PLYMOUTH:  
THE MEMORIAL PRESS  
1917



## INDEX

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Abstract of Records .....	6	Planning Board .....	218
Assessors' Report .....	189	Plymouth Public Library ....	223
Attendance Officer .....	275	Police Department .....	173
Board of Health .....	193	School Committee .....	243
Cemetery Commissioners ....	180	School Physician .....	281
Fire Department .....	155	School Superintendent .....	253
Forest Warden .....	205	Sealer of Weights and Meas-	
Gypsy and Brown Tail Moth		ures .....	206
Account .....	201	Selectmen's Report .....	17
Harbor Master .....	208	Superintendent of Streets ...	29
High School Report .....	270	Supervisor of Shores .....	209
Inspector of Animals .....	210	Town Accountant .....	35
Inspector of Milk .....	214	Town Clerk's Report .....	125
Inspector of Slaughtering ...	212	Town Engineer .....	221
List of Jurors .....	233	Town Officers .....	3
List of Teachers .....	277	Town Warrant .....	238
Overseers of the Poor .....	185	Tree Warden .....	203
Park Commissioners .....	198	Water Report .....	297

## TOWN OFFICERS, 1916

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Selectmen—William T. Eldridge, Ephraim D. Bartlett, George W. Bradford, Dexter H. Craig and Henry O. Whiting.

Town Clerk—George B. Howland.

Town Treasurer—George B. Howland.

Town Accountant—Richard T. Eldridge.

Collector of Taxes—Herbert W. Bartlett.

Clerk of Selectmen—Richard T. Eldridge.

Assessors—Nathaniel G. Lanman, chosen 1914 for three years; George Harlow, chosen 1915 for three years; James C. Bates, chosen 1916 for three years.

Overseers of the Poor—William T. Eldridge, chosen 1914 for three years; Herbert W. Bartlett, chosen 1915 for three years; Charles A. Strong, chosen 1916 for three years.

Water Commissioners—Horace P. Bailey \* and Charles T. Holmes, \* chosen 1914 for three years; John W. Churchill and Robert C. Harlow, chosen 1915 for three years; John H. Damon, chosen 1916 for three years, and Eugene H. Dorr appointed Dec. 18, 1916 until Mar. 3, 1917.

School Committee—William M. Douglass, chosen 1914 for three years; Helen F. Pierce, chosen 1915 for three years; Edward W. Bradford, chosen 1916 for three years.

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\* Deceased.

Burial Hill Committee—Cemetery Commissioners.

Agawam and Halfway Pond Herring Fishery Committee—  
Frank Harlow, Alfred Holmes and Arthur L. Morse.

Cemetery Commissioners—Horace M. Saunders, chosen 1914  
for three years; George Mabbett, chosen 1915 for three years;  
Henry W. Barnes, chosen 1916 for three years.

Park Commissioners—Benjamin F. Raymond, chosen 1914  
for three years; John Russell, chosen 1915 for three years;  
Thomas R. Watson, chosen 1916 for three years.

Surveyors and Measurers of Lumber—Edward B. Atwood,  
Cornelius C. Holmes and Warren S. Bumpus.

Surveyor of Wood and Bark—Alfred C. Finney.

Sealer of Weights and Measures—Frank L. St. George.

Beach Committee—Selectmen.

Superintendent of Streets—Stillman R. Sampson.

Field Drivers and Fence Viewers—Charles H. Raymond and  
Lewis F. Smith.

Superintendent of Water Works—Arthur E. Blackmer.

Collector of Water Rates—N. Reeves Jackson.

Pound Keeper—Russell L. Dickson.

Committee on Inland Fisheries—Edgar D. Hill, Geoffrey D.  
Perrior and James S. Clark.

Harbor Master—Alfred Holmes.

Planning Board—Arthur Lord, LeBaron R. Barker, George  
Mabbett, Francis C. Holmes and Arthur E. Blackmer.

Board of Registration—Herbert W. Clark, appointed 1914  
for three years; George F. Anderson, appointed 1915 for three  
years; Charles H. Sherman, appointed 1916 for three years.



Superintendent of Oak Grove and Vine Hills Cemeteries and Burial Hill—Edward F. Stranger.

Superintendent of Chiltonville Cemetery—Charles Rogers.

Superintendent of Manomet Cemetery—George A. Manter.

Superintendent of Cedarville Cemetery—James L. Haskell.

Sexton—Thomas J. Kennedy.

Superintendent of Almshouse—Russell L. Dickson.

Board of Health—Freeman Manter, chosen 1914 for three years; Harry R. Talbot, chosen 1915 for three years; George H. Jackson, chosen 1916 for three years.

Fire Commissioner—Robert C. Harlow.

Chief of Police—John Armstrong.

Committee on Sewers—Selectmen.

Tree Warden—Calvin S. Mixer.

Forest Warden—Ira C. Ward.

Local Moth Superintendent—Abbott A. Raymond.

Constables—John Armstrong, William E. Baker, Samuel Ferguson, Freeman Manter, Joseph W. Schilling, Job H. Standish, Lincoln S. Wixon, John Gault, Jacob E. Peck, George H. Bell, Herman W. Tower, Edwin A. Dunton, James M. Cameron and Harrison B. Sherman.

Deputy Forest Wardens—John W. Churchill, Edwin P. Bartlett, Barnabus Hedge, William F. Doten, Abbott A. Raymond, Walter H. Brown, John F. Raymond, LeBaron R. Barker, Aaron Sampson, Lyman Ward, Frank L. St. George, Nathaniel T. Clark, Wallace J. Miles, Joseph L. Manter, Benjamin F. Raymond, Warren S. Bumpus, Elmer E. Raymond, John T. Pierce, James H. Nixon, and William H. Ware.

## ABSTRACT OF RECORDS OF 1916.

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SPECIAL TOWN MEETING, JANUARY 15, 1916

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CHARLES S. DAVIS, *Moderator.*

Article two:

On motion of Richard T. Eldridge: Voted, that for the purpose of paying bills contracted in 1915, the sum of eight hundred and sixty-eight (868) dollars be appropriated, from money in the Treasury not otherwise appropriated, the same to be apportioned as follows:

Law Department,	\$10 00
Maintenance of Town House,	35 05
Sealer of Weights and Measures,	71 06
Moth Suppression,	5 66
Tree Warden,	22 90
Public Sanitaries,	40 08
Sewer Maintenance,	47 25
Poor Department,	432 00
Miscellaneous,	204 00

Article three:

On motion of William T. Eldridge: Voted, that the Town authorize the Selectmen to sell and convey in the name and on behalf of the Town, the old school house and lot at Ellenville on such terms and conditions as they may think proper.

Articles four and five:

On motion of Harry B. Davis: Voted, that action under articles four and five be indefinitely postponed.



ANNUAL TOWN MEETING, MARCH 25, 1916.

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CHARLES S. DAVIS, *Moderator.*

Article two:

Mr. Horace M. Saunders moved that the number of members of the Planning Board be fixed at five, and the motion was carried.

Mr. William T. Eldridge moved that the Town elect a Surveyor of Wood and Bark, and the motion was carried.

Article three:

On motion of Ephraim D. Bartlett: Voted, that the reports of the several boards of Officers and Committees of the Town be accepted and placed on file.

On motion of Edward L. Burgess: Voted, that the Committee on Industrial Schools be continued another year.

Article four:

On motion of William T. Eldridge: Voted, that the Town authorize the Town Treasurer, with the approval of the Selectmen or a majority thereof to borrow during the financial year, beginning January 1, 1917, in anticipation of the revenue of said year, such sums of money as may be necessary for the current expenses of the Town, but not exceeding two hundred and fifty thousand (250,000) dollars, giving the notes of the Town therefor payable within one year from the dates thereof. All debts incurred under the authority of this vote shall be paid from the revenue of said financial year.

Article six:

On motion of Elmer E. Avery: Voted, that the dog fund amounting to \$1,105.25, and the additional sum of \$1,300.00,

be appropriated for the maintenance of the Plymouth Public Library, and that the additional sum of \$1,300.00 be appropriated for the special purposes set forth in the report of said Library.

Article seven:

On motion of Elmer E. Avery: Voted, that the Town appropriate the sum of \$250.00 for the benefit of the Manomet Public Library.

Article eight:

Mr. Elmer E. Avery moved that the following appropriations be made:

Parks,	\$1,900 00
Addition to Beach Park bath house,	1,000 00
Training Green,	200 00
Indian Lands,	200 00

Mr. Nicholas Keefe moved to amend, that \$500.00 be appropriated for the enlargement of the Beach Park bath house, and that \$500.00 be appropriated for two additional rooms at the Nelson Street Park, one for girls and one for boys, and the motion was carried.

The motion of Mr. Avery, as amended by Mr. Keefe, was put before the meeting and carried, the necessary two-thirds having voted in the affirmative.

Article nine:

On motion of Elmer E. Avery: Voted, that the Town appropriate the sum of \$225.00 to defray the expenses of Memorial Day.

Article ten:

On motion of Ephraim D. Bartlett: Voted, that the Town authorize the Selectmen to renew any note or notes heretofore authorized, which are now due or may become due the present year, for such time and on such terms as they may deem expedient for the best interests of the Town.

Article eleven:

On motion of William T. Eldridge: Voted, that the Town authorize the Selectmen to transfer from time to time the money from the reserve fund to such other accounts, as in their opinion may be necessary.

Article twelve:

On motion of Ephraim D. Bartlett: Voted, that the Officers of the Town authorized by law to expend money, may expend between January 1, 1917 and the Annual Town meeting next following, such amounts as may be required for the expenses of their respective departments, not to exceed in the aggregate for each department the amount expended by such department, during any period of the same length during the preceding year; the same to be paid from any moneys in the treasury to be reimbursed from the tax levy of that year.

Article thirteen:

On motion of Elmer E. Avery: Voted, that the Town appropriate the sum of \$500.00 to purchase an automobile for the use of the Police department, said sum to be expended under the direction of the Selectmen.

Article fourteen:

On motion of Elmer E. Avery: Voted, that the Town appropriate the sum of \$11,500.00 to pay the damages caused by the layout of the State Highway on Warren Avenue.

Mr. Avery then moved, that for the purpose of paying the damages caused by the layout of the State Highway on Warren Avenue, the Selectmen be and are hereby authorized to borrow the sum of \$11,500.00, and to issue bonds or notes of the Town bearing interest at a rate not exceeding  $4\frac{1}{2}$  per cent. per annum, payable semi-annually, and with principal payable in ten equal annual payments of \$1,150.00 each; said bonds or notes to be signed by the Treasurer, and approved by a majority of the Selectmen.

Mr. George N. Sampson moved to amend, by striking out ten equal annual payments of \$1,150.00 each, and substituting therefor five equal annual payments of \$2,300.00 each, but the motion was lost.

The motion of Mr. Avery was then put before the meeting; one hundred and fifty-three voting in the affirmative and one in the negative, the necessary two-thirds having voted in the affirmative, the motion was carried.

Article fifteen:

Mr. Elmer E. Avery moved, that the Town appropriate the sum of \$10,500.00 to pay the damages caused by the widening of Sandwich Street by the County Commissioners, and the motion was carried.

Mr. Avery then moved, that for the purpose of paying the damages caused by the widening of Sandwich Street by the County Commissioners, the Selectmen be and are hereby authorized to borrow the sum of \$10,500.00; and to issue bonds or notes of the Town bearing interest at a rate not exceeding  $4\frac{1}{2}$  per cent. per annum, with principal payable in ten annual payments of \$1,050.00 each; said bonds or notes to be signed by the Treasurer and approved by a majority of the Selectmen. One hundred and forty-six voting in the affirmative, and none in the negative, the necessary two-thirds having voted in the affirmative, the motion was carried.

Article sixteen:

Mr. William M. Douglass moved, that the Town appropriate the sum of \$50,000.00 for the purpose of building an addition to the Nathaniel Morton School building, including the original equipment thereof.

Mr. Elmer E. Avery moved, that further consideration of this article be postponed; and that the School Committee be requested to secure plans and estimates of the proposed annex and report thereon at some future meeting.



The motion of Mr. Avery was then put before the meeting and one hundred and ninety-six voting in the affirmative, and one hundred in the negative, the motion was carried.

Article seventeen:

On motion of Elmer E. Avery: Voted, that action under this article be indefinitely postponed.

Article eighteen:

Mr. Wilfrid O. Broadbent moved, that the Town appropriate the sum of \$500.00, for the purpose of helping to defray the expenses of a suitable celebration of the Fourth of July, said amount to be expended under the direction of the Selectmen.

Mr. Elmer E. Avery moved, that action under this article be indefinitely postponed, one hundred and forty-three voting in the affirmative and one hundred and forty-six in the negative, the motion was lost.

The motion of Mr. Broadbent was then put before the meeting and carried.

Article nineteen:

On motion of Wilfrid O. Broadbent: Voted, that the Selectmen of the Town of Plymouth, Ex-Officio, and five other citizens, to be appointed by the present board, be a committee to represent the Town in all matters relating to the celebration of the Three Hundredth Anniversary of the Landing of the Pilgrims. Such committee shall have authority to increase its membership from time to time, if in its opinion it is necessary, and to fill vacancies therein. Any expenses incurred by the committee in the discharge of its duties may, with the approval of the Selectmen, be paid from the Reserve Fund.

It shall be the duty of the committee to report from time to time, as occasion may require, as to the progress of plans for the Celebration and its recommendations as to the part the Town of Plymouth shall take in the Celebration.

Article twenty:

On motion of Elmer E. Avery: Voted, that \$2,100.00 in the Reserve Fund, accumulations from overlay of taxes, be used to reduce the tax levy of 1916, as recommended in the report of the Assessors.

Article twenty-one:

Mr. Elmer E. Avery moved, that a committee of five be appointed by the Moderator, to confer with the Land and Harbor Commissioners in relation to building additional break-water at Beach Park, and that the Selectmen be authorized to expend a sum not exceeding \$600.00 for the purpose, if in their opinion advisable, the same to be transferred from the Reserve account.

Mr. John L. Morton moved to amend, by striking out the words "a Committee of Five to be appointed by the Moderator to" and substituting, "the Selectmen," and adding at the end of said vote the words, "provided that the amount spent shall not exceed 25 per cent. of the total cost of the work," seventy-six voting in the affirmative and three in the negative, the motion to amend was carried.

Then the motion of Mr. Avery as amended by Mr. Morton was put before the meeting and carried.

Article twenty-two:

On motion of George B. Howland: Voted, that the Town accept and allow the layout of Samoset and Circuit Avenues, as laid out by the Selectmen and reported to the Town.

Article twenty-three:

On motion of George B. Howland: Voted, that the Town accept and allow the layout of Strand Avenue, as laid out by the Selectmen and reported to the Town.

Article twenty-four:

On motion of Elmer E. Avery: Voted, that action under this article be indefinitely postponed.



Article twenty-five:

Mr. Elmer E. Avery moved, that action under this article be indefinitely postponed, but the motion was lost.

Mr. William T. Eldridge then moved, that the Town authorize the Selectmen, in the name and on behalf of the Town, to take the contract for the construction of the highway which the Massachusetts Highway Commission proposes to construct on Warren Avenue, and the motion was carried.

Mr. William T. Eldridge then moved, that for the purpose of raising money necessary for the construction of Warren Avenue, the Selectmen be and are hereby authorized to borrow the sum of \$10,000.00, and to issue bonds or notes of the Town bearing interest at a rate not exceeding  $4\frac{1}{2}$  per cent. per annum, payable semi-annually, and the principal payable in one year from the dates thereof, said bonds or notes to be signed by the Treasurer, and approved by a majority of the Selectmen. One hundred and twelve voting in the affirmative and one in the negative, the necessary two-thirds having voted in the affirmative, the motion was carried.

Article twenty-six:

Mr. Charles H. Raymond moved, that action under this article be indefinitely postponed, but the motion was lost.

Mr. George B. Howland then moved, that the number of Constables to be elected at the Annual Election be fixed at three, and the motion was carried.

Article twenty-seven:

Mr. Robert C. Harlow moved, that \$16,750.00 be appropriated for the purchase of motor apparatus for the Fire Department as recommended by the Special Committee: \$3,750.00 of the above amount be included in the tax levy of 1916, and the balance be raised by the issue of bonds or notes of the Town for \$13,000.00 bearing interest at a rate not exceeding  $4\frac{1}{2}$  per cent. per annum payable semi-annually, with principal payable in five equal annual payments of \$2,600.00 each.

Mr. Elmer E. Avery moved, that action under this article be indefinitely postponed, but the motion was lost.

The motion of Mr. Harlow was then put before the meeting, one hundred and eighty-six voting in the affirmative and sixteen in the negative, the necessary two-thirds having voted in the affirmative, the motion was carried.

Article twenty-eight:

On motion of Harry B. Davis: Voted, that action under this article be indefinitely postponed.

Article twenty-nine:

On motion of Elmer E. Avery: Voted, that an appropriation of \$700.00 be made for the purpose of laying a high pressure water main on South Park Avenue from Court Street, and placing two fire hydrant connections; said appropriation to be expended under the direction of the Water Commissioners.

On motion of George B. Howland: Voted, that the sum of two hundred thirty-nine thousand seven hundred and ten and eighty-four one hundredths dollars (\$239,710.84) be raised and assessed upon the polls and estates of the inhabitants of the Town of Plymouth, and upon the estates of the non-residents to defray the expenses of the Town for the ensuing year. •

SPECIAL TOWN MEETING, MAY 13, 1916.

---

CHARLES S. DAVIS, *Moderator.*

Article two:

On motion of Elmer E. Avery: Voted, that the Town appropriate the sum of \$46,000.00 for the purpose of building an addition to the Nathaniel Morton School building, including the original equipment thereof.

Article three:

Mr. Elmer E. Avery moved, that for the purpose of building an addition to the Nathaniel Morton School building, including the original equipment thereof, the Selectmen be and are hereby authorized to borrow the sum of \$46,000.00 and to issue bonds or notes of the Town, bearing interest at a rate not exceeding 4 per cent. per annum payable semi-annually, with principal payable in ten annual payments, \$5,500.00 payable in one year and \$4,500.00 payable each year thereafter, sixty-two voting in the affirmative and none in the negative, the necessary two-thirds having voted in the affirmative, the motion was carried.

Article four:

On motion of Elmer E. Avery: Voted, that action under this article be indefinitely postponed.

Article five:

Mr. Eugene H. Dorr moved, that the sum of \$18,000.00 be appropriated for the purpose of building a bituminous macadam road from the present Westerly end of the macadam on Samoset Street, to the Darby Road, so-called.

Mr. Elmer E. Avery moved, that the subject matter of the

article be referred to the Selectmen to consider the most economical and durable form of road construction for that particular highway, and report with their recommendations as soon as practicable at some future meeting of the Town, twenty-four voting in the affirmative and sixty-six in the negative, the motion was lost.

The motion of Mr. Dorr was then taken up. Mr. Avery moved to amend, by adding after the words "macadam road" the words "at least eighteen feet wide" and the motion was carried. The motion of Mr. Dorr, as amended, was then put before the meeting and carried.

Article six:

Mr. Dorr moved, that the Selectmen be authorized to borrow the sum of \$18,000.00 for the purpose of building a bituminous macadam road from the present Westerly end of the macadam on Samoset Street, to the Darby Road, so-called, and to issue therefor the bonds or notes of the Town payable in five annual payments of \$3,600.00 each, and bearing interest at a rate not exceeding 4 per cent. per annum, payable semi-annually, and one note payable at the end of each successive year from the date of issue until the whole are paid; said notes or bonds to be signed by the Treasurer and approved by the Selectmen of the Town; sixty-five voting in the affirmative and three in the negative, the necessary two-thirds voting in the affirmative, the motion was carried.

Article seven:

Mr. Elmer E. Avery moved, that the Town appropriate the sum of five hundred dollars in addition to the amount appropriated March 25, 1916, for the proposed improvements at the Beach Park bath house, and that said sum of five hundred dollars be added to the tax levy of the current year and assessed upon the polls and estates of the inhabitants of the Town of Plymouth, sixty-seven voting in the affirmative and none in the negative, the necessary two-thirds having voted in the affirmative, the motion was carried.



# Report of the Selectmen.

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REPORT OF THE SELECTMEN FOR THE YEAR  
ENDING DECEMBER 31, 1916.

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We herewith present our annual report for the year ending Dec. 31st, 1916. The conduct of the different departments has been of a very satisfactory nature. In the Road Department the rains of last spring caused a great deal of trouble in washing the newly repaired gravel roads, causing much of this work to require doing over. This, while unavoidable, was an expensive proposition. There seems, however, no other method of handling the side streets with their excessive grades than repairing with gravel. The outlying districts have received the usual amount of attention and the roads generally are in good condition. There are one or two exceptions to this statement. On the old Sandwich road a saw mill has been established and the teaming of logs from there to the State Highway has made the road actually impassible for automobiles. This has caused a great inconvenience to the people living on that road in that locality as it has been found that delivery teams are reluctant to drive in there. This condition, it is hoped, will be cured as soon as the weather permits of laboring on the roads. The condition of the Nook Road (so called) leading from Sandwich Street to the South Pond Road also calls for some improvement as that also gets nearly impassible at times. A small expenditure will cure this.

*Samoset Street.*

The work of macadamizing Samoset Street was commenced quite late in the season. The work has gone forward, however, very satisfactorily and another week or two of warm weather would have completed it. It is possible, however, to go through to the Darby Road at all times, and a little work in the spring will finish this. The road is built as a bituminous macadam and is well shaped and we think will prove to be an exceedingly serviceable road as we have built somewhat heavier than usual. The stone used was all local stone thus keeping the money in town as well as furnishing work to teams that would otherwise have been idle. With a suitable amount of yearly supervision this road should last an indefinite period. With a resurfacing of the Darby road we shall have one of the best approaches that any town can have.

*Warren Avenue.*

This street has at last been surfaced by the Highway Commission and the necessary work of clearing up and rebuilding sidewalks has progressed as fast as the weather would permit. There has been a number of damage claims by parties who were not just satisfied with conditions. These have mostly been settled amicably. There are some, however, that we have been unable to reach any agreement with and these cases are still pending. The awards in some cases have been slightly increased as it appeared that more land was taken than the plan on which the Selectmen figured called for. The road bed is a great improvement over the old one and with the added width should make this highway much safer than before. It remains now to keep the automobile travel down to a reasonable rate of speed and it is the duty of all the dwellers on the avenue to cooperate with the officers and report any cases of undue speeding that they notice.

The matter of the outlying roads is one that the town will



have to take up at no distant day. These roads are now repaired every year and made fairly passible. But the general condition of these roads from year to year is one of deterioration. And some time they will have to be entirely rebuilt. It would seem to the Selectmen that a section of the more important roads should be made each year of some more permanent material. We would advise putting in a short section on the Long Pond road, of bituminous material. This would result eventually in surfacing this road with a pavement that would stand the usual travel of that road and would not have to be done over again every year. We recommend an appropriation for this purpose.

The Highway from Jabez Corner to the Bourne line at Sagamore is now a State Highway and the Town is relieved of the maintenance of this. The State is also surfacing the road from the bank of the Canal to the State Highway at Swift's Corner. This will relieve us from any further expenditure there for a long time. But with the approach of 1920 it would seem that the policy of the Town should be to get all of its incoming arteries of travel in as good condition as possible so that visitors from whatever direction may receive as good an impression of Plymouth as may be.

There is a serious condition at the foot of Cherry Street on Standish Avenue. There is a tremendous collection of surface water there that comes from the hills in all directions. Some method of carrying this water off must be devised as the street at times, especially in the winter, is impassible for the school children. It may be that by raising the grade of the adjoining lots that the water may be carried down Standish Avenue to the northwest and disposed of. The situation at the junction of Russell Street and Court has been partially relieved. The water that formerly came down Russell Street and went north on Court Street has now been carried across under Court Street and sent down Brewster Street. This has made the street much better. It was also proposed to surface the

westerly side of Court Street across the car track, including the gutter, but the Department was unable to get to this in time to finish it this season. This will probably be done as soon as the weather will permit and will add a very considerable area to the usable part of the street.

The Board last year recommended that Sandwich Street from the foot of Market Street to the head of Water Street be surfaced. This was not sanctioned by the committee of fifteen. We still think, however, that this is a very necessary piece of work. The road is a sort of gutter for the foot of Spring Hill and Pleasant Street and is in a muddy and disreputable condition most of the time. If the road was macadamized it would be possible to maintain a proper grade to carry off the water and would remove an eyesore from the very center of the town. We recommend an appropriation for this purpose.

It will be noticed that in making the recommendations for the Road Department we have gone into detail more than before. It has seemed to the Board that in certain things, like cleaning the streets, the care of catch basins, and drains, etc., that if a specific appropriation is made that they will be much more likely to get attention than if they are included in a general appropriation. The amounts called for, for these purposes, are estimated from what we find has been used for these matters in the past and in some cases adding what we think is a reasonable amount to insure the proper care of these objects. Also it has been thought best to make a specific allotment for the care of the outlying districts. The past year we have had to make extensive repairs to the bridge over the Middleboro R. R. on Standish Avenue. This called for an unexpected outlay of over three thousand dollars. We shall have much the same condition at the head of the Beach over Eel River. The bridge there needs immediate attention and should be relaid at once. It does not seem to the Board advisable to relay any plank bridges and we are at present considering plans for a concrete surface over this bridge. This will be in the nature of perma-

nency, and the cement will protect the iron girders of the bridge from the action of the salt air.

The bridge over Halfway Pond river has been rebuilt this season and in place of the old unsightly wooden structure, we now have a solid iron girdered cement surfaced bridge. The curve in the road at the northerly approach to the bridge has also been straightened and the whole situation much improved.

Carters River bridge at the head of Herring Pond caved in this past season and this has also been rebuilt as a cement bridge and canal.

There remains one more bridge, that across the brook on the Beaver Dam road. This, when the road is straightened at that point, will be made of cement. These bridges will then be of a permanent nature and the annual repairs will have been done away with.

The sidewalks of the town have received the usual amount of attention. Considerable granolithic walk has been laid and many hundred feet of cement curb put in in places where the wash of surface water made the streets sandy. It is the experience of the Department that without a curb it is impossible to maintain any kind of a sidewalk. The approach of cold weather prevented the amount of granolithic walk contemplated being put in.

### *Police.*

The Police Department has performed its duties in a very creditable manner. There have been less than the usual amount of complaints. And perhaps in this connection it may be well to say to the public generally, that letters or complaints against any department of the town will be of very little avail unless signed with the name of the complainant. We receive numbers of letters finding fault with different things but not signed. All such letters go into the waste basket. We will always give prompt attention to any legitimate complaint but the complainant must be man enough to sign his name.



We would request the public to help the Police Department in enforcing the traffic laws. If every one who sees an infraction of the speed laws will inform the police or the Board of Selectmen giving the number of the car the matter will be attended to.

#### *Brewster Fountain.*

The Brewster Fountain which was mentioned in the 1915 report as being nearly completed has been finished and has been a much appreciated convenience since. Reference to the financial report will show a draft on the reserve fund for the final payment on this. The Board was given to understand that certain funds raised by private subscription were available for the completion of this fountain. In fact some correspondence was had with the custodian of these funds, and the delay in delivering them was attributed to ordinary routine matters. At the last, however, when the funds were again requested for some unknown reason they were not forthcoming and the Selectmen were obliged to draw on the Reserve Fund for the final payment. The grounds around the fountain have been seeded with grass and it is the intention to set out some suitable shrubs and other ornamental plants in the spring and it is expected that the coming season will see this spot as an ornament to the town as well as one of the greatest of public conveniences.

#### *Public Sanitararies.*

The Sanitararies have been as in the past one of the most complimented conveniences of the town. It has been almost impossible to keep them in the condition that they should be in. Some few of the public with little regard for decency have caused an immense amount of labor in keeping the rooms at all usable. It seems to the board that the only solution is for the

town to maintain a man and woman on duty there all the time. This will involve considerable expense. More than the Selectmen would consider themselves justified in assuming without a direct vote of the town. But it is the experience in this as well as other places having this public necessity that that is the only way to keep them in that condition they should be in.

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One of the most discussed problems of the town has been to provide suitable approaches to the shore that might be used by the citizens generally. The town has acquired several landings notably at White Horse through the generosity of Mr. Geo. Pierce, at the southerly end of the town where the town purchased a landing, and at Nelson Street, and the Stephens Meadow. We now have the pleasure of announcing that Mr. Elijah Keith of the Ardmere Inn has very kindly offered the town a frontage of over 100 feet on the land back of the beach at Manomet to be placed under the care of the Park Commissioners for the use of the public. Mr. Taylor of Manomet has also offered to the town a suitable location at White Horse Beach for a public park.

Mr. Hawley, a summer resident of Manomet, has also presented to the town a small lot at the junction of the State Highway and Strand Avenue. This makes the approach to the highway from the avenue much safer and affords a clear view of any approaching vehicle, all of which will be much appreciated by the travelling public.

These voluntary offerings are very acceptable at the present time when the shore is being closed so much to the public and the thanks of the town are due to all these gentlemen who have so generously made these gifts.

It would be a very desirable thing for the town to acquire land at the foot of every street that runs to the water south of

Town Brook as the time is fast approaching when it will be difficult to reach the shore without encroaching on private property.

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The departure of the local troops for the Mexican border was the cause of considerable uneasiness as to the support and comfort of those families of the soldiers who were dependent on the salaries of the departing wage earners. A very generous movement was started by private parties to raise funds to relieve this situation. It was, however, felt by the Selectmen that the town should care for the dependents of our soldiers and as far as we were able to ascertain every soldiers' family has been taken care of properly. The expense of this was charged to the reserve account.

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In conclusion we wish to direct the attention of every citizen to the approaching 1920 celebration and ask each and every one to make all possible effort to improve the appearance of the town. Little things such as not throwing letters and waste paper in the streets, peanut shells, orange peels and other like debris. Cans for the reception of this waste will be found at frequent intervals on the streets, and it is not much trouble to put the waste in them. Especially is this condition noticeable on Sunday morning after the crowds of Saturday night. Attention to the private grounds of citizens will materially improve the appearance of things. A little cleaning up and painting which can be done with little expense will add much to the neat look of the town. And this habit once formed will be persisted in for its own sake, the difference will be so noticeable. We want to make our town so attractive that every



visitor in the future will be pleased with the appearance and impressed with the public spirit that should animate all good citizens.

WILLIAM T. ELDRIDGE,  
EPHRAIM D. BARTLETT,  
HENRY O. WHITING,  
GEORGE W. BRADFORD.

APPROPRIATIONS RECOMMENDED BY THE  
SEVERAL DEPARTMENTS.

Selectmen's Department,	\$1,800 00
Accounting Department,	1,400 00
Treasury Department,	1,200 00
Tax Collector's Department,	1,500 00
Assessors' Department,	2,800 00
Assessors' Plans,	1,000 00
Law Department,	600 00
Town Clerk's Department,	500 00
Engineering Department,	900 00
Planning Board,	100 00
Election and Registration,	1,000 00
Maintenance of Town House,	1,200 00
Police Department,	9,000 00
Fire Department, maintenance,	16,985 00
Fire Department, improvements at station,	500 00
Sealing Weights and Measurers,	800 00
Moth Suppression,	5,000 00
Tree Warden's Department,	1,200 00
Forest Warden's Department,	2,500 00
Shell Fish,	700 00
Inland Fisheries,	300 00
Health Department,	8,500 00
Sewer Maintenance,	2,000 00
Public Sanitarries,	450 00
Roads and Bridges, to be allotted by the Selectmen as follows—	
Overhead charges,	\$5,000 00
Central District,	15,700 00
Chiltonville District,	1,500 00
Manomet District,	1,200 00
Cedarville District,	1,200 00
Long Pond District,	1,500 00
South Pond District,	300 00

Repairs to Court street,	1,800 00	
Carters River Road,	100 00	
Ellisville Road,	200 00	
Street cleaning,	1,500 00	
	<hr/>	
	\$30,000 00	
Increase in wages, 16 2-3%	2,000 00	
Total Roads and Bridges,	<hr/>	\$32,000 00
Beaver Dam Road,		500 00
Main Street Extension,		2,000 00
Warren Avenue, additional damages,		2,200 00
Warren Avenue, additional construction,		1,000 00
Sandwich Street, Bradford to Lincoln streets, additional damages,		2,000 00
Sandwich and Market streets,		1,000 00
Highland Terrace, Manomet,		200 00
Sandwich street, Howes Lane North, construction,		900 00
Sandwich street, Lincoln street south, construction,		1,400 00
Survey of street lines,		400 00
Sidewalks,		6,000 00
Snow removal,		2,000 00
Street sprinkling,		5,000 00
Street lighting,		13,000 00
Harbor Master,		150 00
Poor Department,		14,500 00
Mothers' Aid,		4,000 00
Military Aid,		156 00
Soldiers' Relief,		4,395 20
School Department,		100,000 00
Public Library,		
including dog tax of	\$1,093 96	4,000 00
Manomet Public Library,		250 00
Park Department,		1,900 00
Training Green,		200 00
Training Green Walks,		1,000 00

Sexton,	125 00
Memorial Day,	225 00
Miscellaneous,	2,500 00
Reserve Account,	7,000 00
Water Department, maintenance,	17,000 00
Water Department, construction,	5,500 00
Oak Grove and Vine Hills Cemeteries,	5,000 00
Burial Hill Cemetery,	1,000 00
Burial Hill Cemetery, repairing stones,	300 00
Chiltonville, Manomet, Cedarville and South Pond Cemeteries,	150 00
Addition to Manomet Cemetery,	300 00
Town Debt and Interest,	52,000 00
Total,	<hr/> \$353,186 20

## REPORT OF SUPERINTENDENT OF STREETS

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To the Honorable Board of Selectmen:—

I herewith submit the report of the Street Department for the year 1916.

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### ROADS AND BRIDGES.

#### *Maintenance*

Under this heading is included the care of the roads in the outlying districts and the general repairs and cleaning of the streets in the center of the town.

Court Street, from Shirley Square to the Armory, has been re-dressed with Tarvia A and No. 2 stone and the results have proved satisfactory. This work should be extended as far as Lothrop Street during the coming season.

The Darby Road has been re-surfaced with Tarvia B. Quite an amount of gravel surfacing has been done on the Beaver Dam Road.

The old bridge at Carter's River at the head of Great Herring Pond has been replaced with a reinforced concrete bridge with steel girders. The bridge over Halfway Pond River near the Martin Douglas place, has also been replaced by a reinforced concrete bridge.

Standish Avenue bridge has been deteriorating quite rapidly in the past few years due, in part at least, to the locomotive gases from the trains on the Plymouth and Middleboro Rail-



road. The Selectmen requested Mr. Fay of the firm of Fay, Spofford & Thorndike to make an examination of this bridge and report to them. In their report they stated that the bridge at that time would not be satisfactory for a load in excess of 12,000 lbs. and pointed out a weakness in some of the connections of the floor beams and sidewalk brackets. They recommend strengthening these beams, replacing some of the brackets and scraping and repainting the whole bridge.

Negotiations were accordingly entered into with the Boston Bridge Works. When they began the work of repairing, and after the old wooden floor was removed, it was possible to see that deterioration had proceeded to a considerable extent in the 6" stringers under the floor. Accordingly, upon recommendation of the engineer of the Boston Bridge Works, these 6" stringers were removed and 8" stringers were substituted for them. The sidewalk beams were strengthened and also the trusses and the bracketed connections to them. The whole bridge was thoroughly scraped and repainted and its "safe loading" was increased from the 12,000 pounds indicated in the report of Fay, Spofford & Thorndike, prior to making the repairs, to 18,000 pounds after these repairs were completed.

In order that a record might be had of the date and exact character of this work, the following letter to Mr. A. E. Blackmer, Town Engineer, from Mr. J. C. Moses, Engineer of the Boston Bridge Works, is appended.

From the Boston Bridge Works, Boston, Massachusetts.

September 7, 1916.

Mr. A. E. Blackmer, Town Engineer,  
Plymouth, Massachusetts.

Dear Sir: Standish Avenue Bridge Repairs,—J No. 4186.

Yours of the 5th inst. regarding the above bridge is at hand. The repairs made by us were as follows:

(1) New eight inch (8") stringers for roadway in place of the old six inch (6") beams.



(2) Old floor beams strengthened with additional rivets at ends and with flange plates on top. Two of the floor beams also have their connections to the trusses strengthened where they had rusted.

(3) Sidewalk bracket connections to truss strengthened with new batten plates.

(4) Trusses strengthened at all bearings by new gussets and by knees at top of columns. Truss diagonals patched where they had badly rusted. Two new uprights supplied.

(5) Supports provided for water pipe.

(6) All the old steel scraped and given two coats of paint. The new steel also had two coats of paint applied.

As to the future painting it is impossible to predict how often it should be done. The condition of the old paint should be examined from time to time, especially under the floor and in all places that are hard to get at whenever repairs to planking give you the opportunity.

It is not likely that anything will need attending to next year and probably only here and there the following year. But iron that has once rusted badly is apt to start again under the paint in spots and so needs watching.

These changes make the bridge safe in our opinion for loads of 18,000 pounds if not more than one such load is on a span at a time.

Yours very truly,

THE BOSTON BRIDGE WORKS,

*John C. Moses, Eng'r of Construction.*

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*Construction.*

7,920 feet of 6" tarviated macadam, 18 feet wide, has been laid on Samoset Street, beginning near the entrance to the Oak Grove cemetery and extending to the junction of Samoset Street

and Summer Street. A short section of this work is unfinished as yet.

Strand Avenue and Samoset Avenue in Manomet have been worked.

The Warren Avenue widening has been completed.

A large catch-basin was built at the corner of Russell and Court Streets and a twelve-inch Akron pipe was laid from this catch-basin across Court Street to take the surface water down Brewster Street; thus relieving the gutter on the west side of Court Street which has caused a great deal of trouble in past years.

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## STREET SPRINKLING

Very little water has been used for street sprinkling this year, except in the center of the town. 8,500 gallons of non-asphaltic oil have been used with very satisfactory results.

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## SIDEWALKS

In addition to the general repairs on sidewalks, the following construction work has been done:

Granolithic walk, one-half the expense borne by the abutters:

Main Street Extension,		20 square yards	
Main St. Extension and Market St.,	116.12	"	"
Pleasant Street,	48.66	"	"
Allerton Street,	33.33	"	"
Clyfton Street,	36.3	"	"
Russell Street,	144.25	"	"
Court Street, north of Knapp School,	283.76	"	"
Total,	682.42	"	"

Concrete curbing set:

Clyfton Street,	53.5 feet
Russell Street,	347 "
Standish Avenue,	525 "
Court Street,	629 "
Cherry Street,	682 "

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Total,	2236.5 "
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Granite edgestone laid:

Allerton Street, near monument,	183 feet
Main Street Extension, west side,	444 "
Pleasant Street,	144 "

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Total,	771 "
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The old edgestone on both sides of Pleasant Street has been relaid from Robinson Street to Jefferson Street.

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SEWERS.

The sewer on Water Street Extension has been completed, 2070 feet of pipe having been laid this year.

The Standish Avenue sewer has been extended 500 feet and 510 feet of sewer main has been laid on Brookside Avenue to the house of Mrs. Emma F. Weston.

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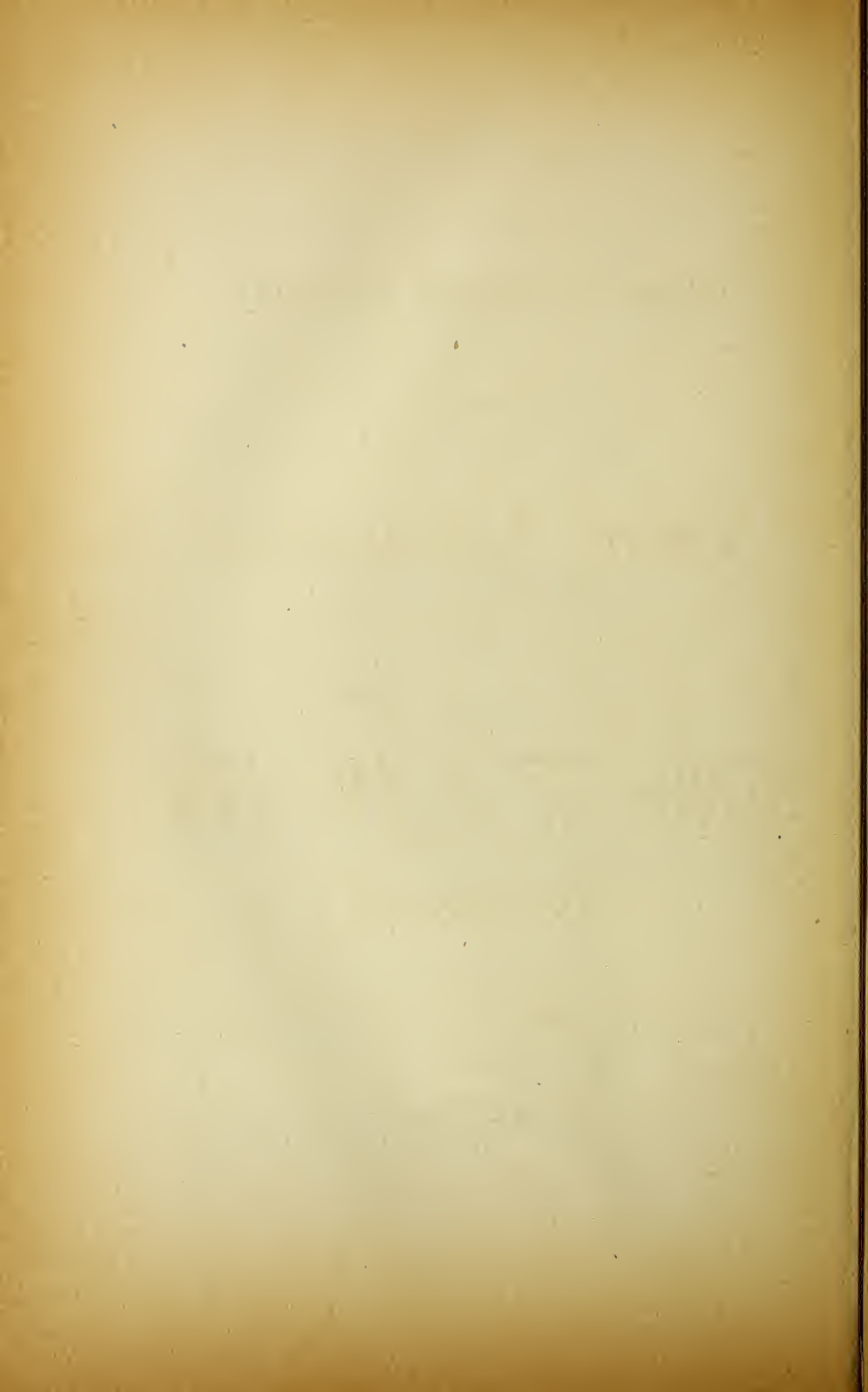
REMOVAL OF SNOW.

The expense for removal of snow for this year has been very heavy, owing to the severe storms of last winter.

Respectfully submitted,

STILLMAN R. SAMPSON,

*Superintendent of Streets.*



# Fifth Annual Report

OF THE

## Town Accountant

OF THE

# TOWN OF PLYMOUTH

MASSACHUSETTS

For the Year Ending Dec. 31

1916





Plymouth, Mass., February 1, 1917.

To the Board of Selectmen,

Plymouth, Mass.

Gentlemen :

I herewith submit my report of the financial transactions of the Town of Plymouth for the year ending December 30, 1916.

Schedule A, shows the receipts and payments for the year, classified as required by the Bureau of Statistics of the Commonwealth.

Schedule B, is a detailed statement of each appropriation, showing the amount appropriated, the additions to, and the payments from the same.

Schedule C, is a statement of the Estimated Receipts and Actual Receipts, the charges being the amounts estimated and deducted from the total of the appropriations, by the Assessors in making up the Tax Warrant, and the credits being the amounts actually received.

Schedule D, is the Revenue Account for 1916.

Schedule E, is the Excess and Deficiency Account for 1916, similar to what in a private business would be the profit and loss account.

Schedule F, is the Balance Sheet, January 1, 1917, showing the condition of the Town's financial affairs after closing the books for 1916.

Schedule G, is a summary of the Outstanding Indebtedness January 1, 1917, showing also the debt at the beginning of the year, the additions to, the amounts paid on the same, and the principal and interest requirements for 1917.

Schedule H, is a detailed statement of the Outstanding Indebtedness.

Schedule I, is an itemized statement of the Trust Funds, not including the January, 1917 dividends.

At the close of the year's business, bills for the following de-

partments remained unpaid, as there were no funds available in the appropriations:

Health Dept.,	\$476 21
Roads and Bridges,	272 03
	<hr/>
Total,	\$748 24

As there has been no provision made for the payment of these bills they are still unpaid at this date.

Respectfully submitted,

RICHARD T. ELDRIDGE,

*Town Accountant.*

# SCHEDULE A.

## RECEIPTS AND PAYMENTS.

### RECEIPTS.

Sources of Receipts.	Revenue for Expenses	Revenue for Outlays	Total
<b>GENERAL REVENUE.</b>			
<b>1. TAXES.</b>			
<i>Current Year—</i>			
1. Property,	\$234,762.18		
2. Poll,	4,878.00		
<i>Previous Years—</i>			
3. Property,	44,735.73		
4. Poll,	2,198.00		
<i>From the State—</i>			
5. Corporation,	34,725.08		
6. Street Railway,			
7. Bank,	178.16		
Soldiers' Exemptions,	169.76		
Total from Taxes,	\$321,646.91		\$321,646.91
<b>2. LICENSES AND PERMITS.</b>			
<i>Licenses—</i>			
8. Liquor,			
9. All Other,	\$584.75		
<i>Permits—</i>			
10. Marriage,			
11. All Other,	578.00		
Total from Licenses and Permits,	\$1,162.75		\$1,162.75
<b>3. FINES AND FORFEITS.</b>			
12. Court,	\$530.04		
13. Departmental Penalties,			
14. Contract Violations,			
Total from Fines and Forfeits,	\$530.04		\$530.04
Total forward,			\$323,339.70

# RECEIPTS.

Sources of Receipts.	Revenue for Expenses	Revenue for Outlays	Total
Total forward,			\$323,339.70

## 4. GRANTS AND GIFTS.

### *Grants from Other Civil Divisions—*

15. From State, for Education
  - a. Support of Public Schools
  - b. Aid to High Schools
  - c. Aid to Industrial Schools
  - d. High School Tuition
  - e. Union Superintendency
16. From State, for Armories
17. From State, for Highway Purposes
18. From State, for Other Purposes
  - a. Inspector of Animals
  - b. Protection against Forest Fires
  - c.
  - d.
19. From County (Dog Licenses)  
for Schools or Libraries, \$1,093.96

### *Gifts from Individuals—*

20. For Expenses			
21. For Outlays,		\$108.00	
Total from Grants and Gifts,	\$1,093.96	\$108.00	\$1,201.96

## 5. ALL OTHER GENERAL REVENUE.

22.

23.

Total from All Other General Revenue,

Total forward,	\$324,541.66
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RECEIPTS.

Sources of Receipts.	Revenue for Expenses	Revenue for Outlays	Total
Total forward,			\$324,541.66

COMMERCIAL REVENUE.

6. SPECIAL ASSESSMENTS.

24. Street Sprinkling			
25. Moth Extermination,	\$468.34		
26. Sewers			
27. Sidewalks and Curbing			
28. Other Expenses			
Total from Special Assessments,	\$468.34		\$468.34

7. PRIVILEGES.

29. Public Service,	\$62.64		
30. Minor			
Total from Privileges,	\$62.64		\$62.64
Total forward,			\$325,072.64

# RECEIPTS.

Sources of Receipts.	Revenue for Expenses	Offsets to Outlays	Total
Total forward,			\$325,072.64

## 8. DEPARTMENTAL.

*Sa. General Government.*

*Legislative—*

31. Aldermen and Council; Moderator

*Executive—*

32. Mayor; Commission; Selectmen

*Financial—*

33. Auditor, Accountant and Auditing

34. Treasurer

35. Collector, \$2.00

36. Assessors

37. License Commissioners

38. Other Finance Offices and Accounts

*Other General Departments—*

39. Law

40. City or Town Clerk, 2.80

General Government forward, \$4.80

Total forward, \$325,072.64



## PAYMENTS.

Objects of Payments.	Expenses	Outlays	Total
1. DEPARTMENTAL.			
<i>1a. General Government—</i>			
<i>Legislative—</i>			
1. Aldermen, and Council; Moderator			
a. Salaries and Wages,	\$54.00		
b. Other Expenses,	44.70		
<i>Executive—</i>			
2. Mayor; Commission; Selectmen			
a. Salaries and Wages,	1,500.00		
b. Other Expenses,	223.72		
<i>Financial—</i>			
3. Auditor, Accountant, and Auditing			
a. Salaries and Wages,	1,200.00		
b. Other Expenses,	82.26		
4. Treasurer			
a. Salaries and Wages,	1,000.00		
b. Other Expenses,	193.27		
5. Collector			
a. Salaries and Wages,	1,073.34		
b. Other Expenses,	387.42		
6. Assessors			
a. Salaries and Wages,	2,306.00		
b. Other Expenses,	1,293.42		
7. License Commissioners			
a. Salaries and Wages			
b. Other Expenses			
8. Other Finance Offices and Accounts			
a. Sinking Fund Commissioners			
b. Miscellaneous,	88.50		
<i>Other General Departments—</i>			
9. Law			
a. Salaries and Wages,	527.75		
b. Other Expenses,	4.93		
10. City or Town Clerk,			
a. Salaries and Wages,	100.00		
b. Other Expenses,	346.16		
General Government forward,	\$10,425.47		
Total forward			

# RECEIPTS.

Sources of Receipts.	Revenue for Expenses	Offsets to Outlays	Total
Total forward,			\$325,072.64
General Government forward,	\$4.80		
41. City Messenger			
42. Public Works			
43. Engineering			
44. Superintendent of Buildings			
45. Election and Registration,	1.50		
46. Other General Departments			
<i>Municipal Buildings</i>			
47. City or Town Hall,	.15		
Total from General Government,	\$6.45		\$6.45
<i>8b. Protection of Persons and Property—</i>			
<i>Police Department—</i>			
48. Services of Officers,	\$13,590.58		
49. Sale of Materials			
50. Miscellaneous,	10,766.88		
Protection of Persons and Property forward,	\$24,357.46		
Total forward,			\$325,079.09

# PAYMENTS.

Objects of Payments.	Expenses	Outlays	Total
General Government forward,	\$10,425.47		
11. City Messenger			
a. Salaries and Wages			
b. Other Expenses			
12. Public Works			
a. Salaries and Wages			
b. Other Expenses			
13. Engineering			
a. Salaries and Wages,	754.10		
b. Other Expenses,	143.52		
14. Superintendent of Buildings			
a. Salaries and Wages			
b. Other Expenses			
15. Election and Registration			
a. Salaries and Wages,	616.00		
b. Other Expenses,	380.28		
16. Other General Departments			
Expenses,	182.10		
<i>Municipal Buildings—</i>			
17. City or Town Hall,			
a. Salaries and Wages,	440.27		
b. Other Expenses,	595.93		
<hr/>			
Total for General Government,	\$13,537.67		\$13,537.67
<i>1b. Protection of Persons and Property—</i>			
<i>Police Department—</i>			
18. Salaries and Wages,	\$21,064.08		
19. Horses and Care of Same,	231.29		
20. Equipment and Repairs,	21.90	\$597.50	
21. Fuel and Light,	356.76		
22. Maintenance of Buildings			
and Grounds,	48.52		
23. New Buildings,			
24. Other Expenses,	10,973.77		
<hr/>			
Protection of Persons and			
Property forward,	\$32,696.82	\$597.50	
<hr/>			
Total forward,			\$13,537.67

# RECEIPTS.

Sources of Receipts.	Revenue for Expenses	Offsets to Outlays	Total
Total forward,			\$325,079.09
Protection of Persons and Property forward,	\$24,357.46		
<i>Fire Department—</i>			
51. Sale of Materials			
52. Miscellaneous,	33.75		
<i>Militia—</i>			
53. Armories			
54. Rifle Ranges			
<i>Inspection—</i>			
55. Inspection of Buildings			
56. Inspection of Wires			
57. Sealing of Weights and Measures, 87.86			
<i>Forestry—</i>			
58. Insect Pest Extermination			
59. Planting and Trimming Trees			
60. Forest Fires,	274.16		
<i>Other Protection of Persons and Property—</i>			
61. Bounties			
62.			
63.			
Total from Protection of Persons and Property,	\$24,753.23		\$24,753.23
Total forward,			\$349,832.32

# PAYMENTS.

Objects of Payments.	Expenses	Outlays	Total
Total forward,			\$13,537.67
Protection of Persons and			
Property forward,	\$32,696.82	\$597.50	
<i>Fire Department—</i>			
25. Salaries and Wages,	9,678.52		
26. Horses and Care of Same,	1,804.50		
27. Equipment and Repairs,	920.24		
28. Hydrant Service,	248.22		
29. Fuel and Light,	1,004.98		
30. Maintenance of Buildings and Grounds,	454.01		
31. New Buildings,		703.61	
32. Other Expenses,	280.92		
<i>Militia—</i>			
33. Armories			
34. Rifle Ranges			
<i>Inspection—</i>			
35. Inspection of Buildings			
36. Inspection of Wires			
37. Sealing of Weights and Measures,	651.43		
<i>Forestry—</i>			
38. Insect Pest Extermination,	5,005.52		
39. Planting and Trimming Trees,	1,222.89		
40. Forest Fires,	1,479.06	23.90	
<i>Other Protection of Persons and Property—</i>			
41. Bounties			
42. Fish Wardens			
43. Shell Fish Supervision,	615.00		
44. Inland Fisheries,	38.00		
Pulmotor,	3.71		
Total for Protection of Persons and Property,	\$56,103.82	\$1,325.01	\$57,428.83
Total forward,			\$70,966.50

RECEIPTS.

Sources of Receipts.	Revenue for Expenses	Offsets to Outlays	Total
Total forward,			\$349,832.32
<i>8c. Health and Sanitation—</i>			
<i>Health—</i>			
64. Quarantine and Contagious Disease Hospitals,			
65. Tuberculosis,	\$92.00		
66. Miscellaneous,	14.35		
67. Inspection			
<i>Sanitation—</i>			
68. Sewers and Sewage Disposal,	75.08		
69. Sewer Construction			
70. Refuse and Garbage Disposal			
71. Street Cleaning			
<i>Other Health and Sanitation—</i>			
72.			
73.			
Total from Health and Sanitation,	\$181.43		\$181.43
Total forward,			\$350,013.75



# PAYMENTS.

Objects of Payments.	Expenses	Outlays	Total
Total forward,			\$70,966.50
<i>1c. Health and Sanitation—</i>			
<i>Health—</i>			
45. General Administration,	\$700.10		
46. Quarantine and Contagious Disease Hospitals,	1,154.97		
47. Tuberculosis,	2,627.05		
48. Vital Statistics,	48.50		
49. Other Expenses,	1,161.54		
50. Inspection			
a. Inspection of School Children,	1,318.61		
b. Inspection of Animals,	200.00		
c. Inspection of Meats and Provisions,	554.00		
d. Inspection of Milk and Vinegar,	129.70		
<i>Sanitation—</i>			
51. Sewer Maintenance and Operation,	924.03		
52. Metropolitan Sewer Maintenance,			
53. Sewer Construction,		\$3,376.69	
54. Refuse and Garbage Disposal,	836.44		
55. Street Cleaning,	947.89		
<i>Other Health and Sanitation—</i>			
56. Sanitaries, etc.,	367.31		
57. Care of Brooks and Streams			
58. Draining of Ponds			
59.			
Total for Health and Sanitation,	\$10,970.14	\$3,376.69	\$14,346.83
Total forward,			\$85,313.33

# RECEIPTS.

Sources of Receipts.	Revenue for Expenses	Offsets to Outlays	Total
Total forward,			\$350,013.75
<i>8d. Highways—</i>			
74. General,	\$ .41		
75. Construction			
76. Sidewalks and Curbing,	30.87		
77. Snow and Ice Removal			
78. Sprinkling			
a. Water			
b. Other,	147.03		
79. Lighting			
80. Miscellaneous			
Total from Highways,	\$178.31		\$178.31
<i>8c. Charities—</i>			
81. Almshouse or Town Farm			
a. Sale of Produce and Stock			
b. Board			
c. Miscellaneous,	\$1.20		
82. Reimbursements for Relief Given			
a. From Individuals,	15.79		
b. From Other Cities and Towns,	1,092.56		
c. From State,	642.15		
83. Reimbursements for Mothers' Aid			
a. From Individuals			
b. From Other Cities and Towns			
c. From State,	1,821.91		
84. Municipal General Hospitals			
85. Miscellaneous			
Total from Charities,	\$3,573.61		\$3,573.61
Total forward,			\$353,765.67

### PAYMENTS.

Objects of Payments.	Expenses	Outlays	Total
Total forward,			\$85,313.33
<i>1d. Highways—</i>			
60. General Administration,	\$1,292.58		
61. General Highway Expenditures,	28,122.60		
62. Construction,		\$37,501.49	
63. Sidewalks and Curbing,	2,508.70	2,036.36	
64. Snow and Ice Removal,	4,042.79		
65. Sprinkling			
a. Water,	736.02		
b. Other,	2,910.77		
66. Lighting,	11,987.16		
67. Other Expenses,			
a. Town Pump, Drinking Fountains,	148.32	1,760.25	
b. Signs, Guide Boards, etc.,	249.60		
c. Street Line Survey,	395.65		
d. Harbor Master,	150.00		
Total for Highways,	\$52,544.19	\$41,298.10	\$93,842.29
<i>1c. Charities—</i>			
68. General Administration,	\$340.14		
69. Almshouse or Town Farm,	5,388.90		
70. Outside Relief by City or Town,	7,494.45		
71. Relief given by Other Cities and Towns,	735.00		
72. Mothers' Aid,			
a. Relief given by City or Town,	3,366.66		
b. Relief given by Other Cities and Towns,			
73. Hospitals			
a. Municipal General		b. Private or Quasi-Public	
74. Other Expenses			
a. Worthy Widows, from Income from Bank Stock, 100.00			
Total for Charities,	\$17,425.15		\$17,425.15
Total forward,			\$196,580.77

# RECEIPTS.

Sources of Receipts.	Revenue for Expenses	Offsets to Outlays	Total
Total forward,			\$353,765.67
<i>8f. Soldiers' Benefits—</i>			
86. State Aid,	\$3,422.00		
87. Military Aid,	78.00		
88. Soldiers' Burials,	100.00		
89. Soldiers' Relief			
Total from Soldiers' Benefits,	\$3,600.00		\$3,600.00
<i>8g. Schools—</i>			
90. Tuition and Transportation of State Wards,	\$63.50		
91. Other Tuition,	103.00		
92. Sale of Text Books and Supplies,	81.61		
93. Miscellaneous, Sale of Building,	189.50	\$100.00	
Total from Schools,	\$437.61	\$100.00	\$537.61
<i>8h. Libraries—</i>			
94. Fines, Rentals and Sales			
95. Miscellaneous			
Total from Libraries,			
Total forward,			\$357,903.28

# PAYMENTS.

Objects of Payments.	Expenses	Outlays	Total
Total forward,			\$196,580.77
<i>1f. Soldiers' Benefits—</i>			
75. General Administration			
76. State Aid,	\$3,287.67		
77. Military Aid,	312.00		
78. Soldiers' Burials,	50.00		
79. Soldiers' Relief,	4,395.20		
Aid to Soldiers' Families,	870.00		
	<hr/>		
Total for Soldiers' Benefits,	\$8,914.87		\$8,914.87
<i>1g. Schools—</i>			
80. General Expenses			
a. Administrative Salaries,	\$2,200.00		
b. Other General Salaries,	614.85		
c. Other General Expenses,	1,702.16		
81. Teachers' Salaries,	51,915.42		
82. Text Books and Supplies,	7,461.66		
83. Tuition,	210.00		
84. Transportation,	1,952.85		
85. Support of Truants,	225.35		
86. Janitors' Services,	6,042.34		
87. Fuel and Light,	7,259.59		
88. Maintenance of Buildings and Grounds,	3,830.35		
89. New Buildings,		\$23,678.89	
90. Furniture and Furnishings,	383.30		
91. Rent,			
92. Other Expenses,	164.50		
Industrial Education Committee,	2.00		
	<hr/>		
Total for Schools,	\$83,964.37	\$23,678.89	\$107,643.26
<i>1h. Libraries—</i>			
93. Salaries and Wages			
94. Books, Periodicals, etc.			
95. Binding			
96. Fuel and Light			
97. Buildings			
98. Other Expenses,	\$4,045.65		
	<hr/>		
Total for Libraries,	\$4,045.65		\$4,045.65
Total forward,			\$317,184.55



RECEIPTS.

Sources of Receipts.	Revenue for Expenses	Offsets to Outlays	Total
Total forward,			\$357,903.28
<i>8i. Recreation—</i>			
96. Parks and Gardens			
97. Playgrounds and Gymnasias,			
98. Bathhouses and Beaches,	\$226.63		
99. Celebrations and Entertainments,	20.00		
Total from Recreation,	\$246.63		\$246.63
Total forward,			\$358,149.91



# PAYMENTS.

Objects of Payments.	Expenses	Outlays	Total
Total forward,			\$317,184.55
<i>1i. Recreation—</i>			
99. General Administration			
a. Salaries and Wages			
b. Other Expenses			
100. Parks and Gardens			
a. Salaries and Wages,	\$1,263.86		
b. Improvements and Additions,		\$409.02	
c. Metropolitan Park Maintenance,			
d. Other Expenses,	515.72		
101. Playgrounds and Gymnasia			
a. Salaries and Wages,			
b. Improvements and Additions			
c. Other Expenses			
102. Bathhouses and Beaches			
a. Salaries and Wages,	364.40		
b. Improvements and Additions,		1,817.73	
c. Other Expenses,	55.76		
103. Celebrations and Entertainments,			
a. Fourth of July,	246.88		
b. Labor Day,			
c. Band Concerts			
d. All Other			
Total for Recreation,	\$2,446.62	\$2,226.75	\$4,673.37
Total forward,			\$321,857.92

RECEIPTS.

Sources of Receipts.	Revenue for Expenses	Offsets to Outlays	Total
Total forward,			\$358,149.91
8j. Pensions—			
100.			
Total from Pensions			
8k. Unclassified—			
101. Receipts not Recorded under Previous Classifications			
a.			
b.			
c.			
d.			
Total from Unclassified			
Total forward,			\$358,149.91

# PAYMENTS.

Objects of Payments.	Expenses	Outlays	Total
Total forward,			\$321,857.92
<i>1j. Pensions—</i>			
104. Retirements made from—			
a. Department			
b. Department			
c. Department			
d. Department			
e. Department			
f. Department			
g. Department			
Total for Pensions			
<i>1k. Unclassified—</i>			
105. Damages to Persons and Personal Property,	\$142.00		
106. Memorial Day,	225.00		
107. City and Town Clocks,	148.15		
108. Searching Parties,			
109. Ice for Drinking Fountains			
110. Payments not Recorded under Previous Classifications			
a. Printing City or Town Reports,	975.39		
b. Sexton,	125.00		
c.			
d.			
Total for Unclassified,	\$1,615.54		\$1,615.54
Total forward,			\$323,473.46

# RECEIPTS.

Sources of Receipts.	Revenue for Expenses	Offsets to Outlays	Total
Total forward,			\$358,149.91
9. PUBLIC SERVICE ENTERPRISES.			
102. Electric			
a. Income from Sale of Light and Power			
b. Miscellaneous			
103. Gas			
a. Income from Sale of Gas			
b. Sale of By-products			
c. Miscellaneous			
104. Water			
a. Income from Sale of Water,	\$36,261.93		
b. Miscellaneous,	596.53		
105. All Other			
a. Markets			
b. Public Scales			
c. Docks and Wharves			
d. Ferries			
e. Herring and Alewife Fisheries,	684.25		
f. Miscellaneous			
Total from Public Service Ent.,	\$37,542.71		\$37,542.71
10. CEMETERIES.			
106. Sale of Lots and Graves,	\$454.18		
107. Care of Lots and Graves,	1,925.56		
108. Care of Endowed Lots,	522.88		
109. Miscellaneous			
Total from Cemeteries,	\$2,902.62		\$2,902.62
11. ADMINISTRATION OF TRUST FUNDS.			
110.			
111.			
112.			
Total from Administration of Trust Funds			
Total forward,			\$398,595.24

# PAYMENTS.

Objects of Payments.	Expenses	Outlays	Total
Total forward,			\$323,473.46

## 2. PUBLIC SERVICE ENTERPRISES.

111. Electric			
a. Maintenance and Operation			
b. Construction			
112. Gas			
a. Maintenance and Operation			
b. Construction			
113. Water			
a. Maintenance and Operation,	\$16,359.47		
b. Metropolitan Water Maintenance			
c. Construction,		\$5,704.31	
114. All Other			
a. Markets			
b. Public Scales			
c. Docks and Wharves			
d. Ferries			
e. Herring and Alewife Fisheries,	44.00		
f. Miscellaneous			
Total from Public Service Ent.,	\$16,403.47	\$5,704.31	\$22,107.78

## 3. CEMETERIES.

115. Maintenance,	\$6,518.33		
116. Improvements and Additions,		298.91	
Total for Cemeteries,	\$6,518.33	\$298.91	\$6,817.24

## 4. ADMINISTRATION OF TRUST FUNDS.

117.			
118.			
119.			
Total for Administration of Trust Funds,			
Total forward,			\$352,398.48

# RECEIPTS.

Sources of Receipts.	Revenue for Expenses	Indebtedness	Total
Total forward,			\$398,595.24

## 12. INTEREST.

113. On Deposits,		
114. On Deferred Taxes,	\$3,137.62	
115. On Deferred Special Assessments		
116. On Sinking Funds,		
117. On Investment Funds,	300.00	
118. On Public Trust Funds		
a. Charity,	100.08	
b. School,	18.47	
c. Library,	90.40	
d. Cemetery for General Care		
e. All Other,	101.25	
119. Miscellaneous		
Total from Interest,	\$3,747.82	\$3,747.82

## 13. MUNICIPAL INDEBTEDNESS.

120. Loans in Anticipation of Revenue,	\$70,000.00	
121. Other Temporary Loans,		
122. Loans for General Purposes,	99,000.00	
123. Trust Funds Used		
124. Loans for Public Service Enterprises		
125. Loans for Cemeteries		
126. Bonds Refunded, Current Year		
127. Premiums,	425.80	
128. Unpaid Warrants or Orders of Current Year,	3,637.50	
Total from Municipal Indebtedness,	\$173,063.30	\$173,063.30
Total forward,		\$575,406.36



### PAYMENTS.

Objects of Payments.	Expenses	Indebtedness	Total
Total forward,			\$352,398.48

#### 5. INTEREST.

120.	On Loans in Anticipation of Revenue,	\$2,403.54	
121.	On Other Temporary Loans		
122.	On Loans for General Purposes,	5,684.70	
123.	On Trust Funds Used		
124.	On Loans for Public Service Enterprises,	2,864.50	
125.	On Loans for Cemeteries		
126.	Metropolitan Interest Requirements		
	a. Sewer      b. Park      c. Water		
127.	State Assessment of Interest on Account of Abolition of Grade Crossings		
128.	All Other		
Total for Interest,		\$10,952.74	\$10,952.74

#### 6. MUNICIPAL INDEBTEDNESS.

129.	Loans in Anticipation of Revenue,	\$90,000.00	
130.	Other Temporary Loans		
131.	Bonds and Notes from Sinking Funds		
	a. General      b. Public Service Enterprises      c. Cemeteries		
132.	Bonds and Notes from Revenue		
	a. General,	\$18,800.00	
	b. Public Service Enterprises,	10,866.66	
	c. Cemeteries		
133.	Metropolitan Sinking Fund and Serial Loan Requirements		
	a. Sewer      b. Park      c. Water		
134.	State Assessment for Abolition of Grade Crossings Loan Fund		
135.	Bonds Refunded, Current Year		
136.	Warrants or Orders of Previous Years		
Total for Municipal Indebtedness,		\$29,666.66	\$119,666.66
Total forward,			\$483,017.88

# RECEIPTS.

Sources of Receipts.	Non-Revenue	Total
Total forward,		\$575,406.36

## 14. SINKING FUNDS.

*From Commissioners to meet Loans for—*

- 129. General Purposes
- 130. Public Service Enterprises
- 131. Cemeteries

Total from Sinking Funds

Temporary  
Accounts

## 15. AGENCY, TRUST AND INVESTMENT TRANSACTIONS.

*Agency—*

- 132. Taxes
  - a. State
  - b. Non-resident Bank
  - c. County

Included in General Tax Receipts

- 133. Liquor Licenses collected for State
- 134. Reimbursements for Abolition of Grade Crossings
- 135. All Other

*Trust—*

- 136. Perpetual Care Funds, \$1,680.93
- 137. Other Permanent Public Trust Funds
- 138. Income for Investment
- 139. Private Trust Funds and Accounts

*Investment—*

- 140. Sinking Fund Securities
- 141. Investment Fund Securities

Total from Agency, Trust and Investment Transactions,	\$1,680.93	\$1,680.93
Total forward,		\$577,087.29

# PAYMENTS.

Objects of Payments.	From Revenue	From Non- Revenue	Total
Total forward,			\$483,017.88

## 7. SINKING FUNDS.

### *To Commissioners for Debt Requirements—*

137. From Taxes, Earnings, etc.
138. From Special Assessments
139. From Sale of Real Estate, etc.
Total for Sinking Funds

---

Temporary  
Accounts

## 8. AGENCY, TRUST AND INVESTMENT TRANSACTIONS

### *Agency—*

140. Taxes	
a. State,	\$24,080.00
b. Non-resident Bank,	4,760.12
c. County,	17,377.55
141. Liquor Licenses Remitted to State	
142. Abolition of Grade Crossings	
143. All Other	

### *Trust—*

144. Perpetual Care Funds,	1,680.93
145. Other Permanent Public Trust Funds	
146. Income Invested	
147. Private Trust Funds and Accounts	

### *Investment—*

148. Sinking Fund Securities
149. Investment Fund Securities

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Total for Agency, Trust and Investment Transactions,	\$47,898.60	\$47,898.60
Total forward,		\$530,916.48

## RECEIPTS.

Sources of Receipts.	Temporary Accounts and Cash Balances	Total
Total forward,		\$577,087.29

### 16. REFUNDS.

142. Taxes		
143. Licenses		
144. Special Assessments		
145. General Departments,	\$1,187.70	
146. Public Service Enterprises		
147. Cemeteries		
148. Accrued Interest		
149. All Other,	1,172.15	
Total Refunds,	\$2,359.85	\$2,359.85

### 17. TRANSFERS.

150. Departmental		
a. Highway Construction from Fire Department,	\$215.89	
b. Highway Maintenance from Highway Construction,	4,999.94	
c. Water Maintenance from Water Construction,	2,285.83	
d. Sundry Departments from Reserve,	6,999.36	
Total Transfers,	\$14,501.02	\$14,501.02

### 18. BALANCES.

151. General,	\$1,964.55	
152. Sinking Fund		
153. Investment Fund		
154. Perpetual Care Fund		
155. Other Public Trust Fund		
156. Private Trust Funds and Accounts		
Total Cash on Hand beginning of Year,	\$1,964.55	\$1,964.55
Grand Total,		\$595,912.71

## PAYMENTS.

Objects of Payments,	Temporary Accounts and Cash Balances	Total
Total forward,		\$530,916.48

## 9. REFUNDS.

150. Taxes		
151. Licenses		
152. Special Assessments		
153. General Departments,	\$1,187.70	
154. Public Service Enterprises		
155. Cemeteries		
156. Accrued Interest,	1,172.15	
157. All Other		
Total Refunds,	<hr/> \$2,359.85	\$2,359.85

## 10. TRANSFERS.

158. Departmental		
a. Fire Department to Highway Construction,	\$215.89	
b. Highway Construction to Highway Maint.,	4,999.94	
c. Water Construction to Water Maintenance,	2,285.83	
d. Reserve to Sundry Departments,	6,999.36	
Total Transfers,	<hr/> \$14,501.02	\$14,501.02

## 11. BALANCES.

159. General,	\$48,135.36	
160. Sinking Fund		
161. Investment Fund		
162. Perpetual Care Fund		
163. Other Public Trust Fund		
164. Private Trust Funds and Accounts		
Total Cash on Hand, End of Year,	<hr/> \$48,135.36	\$48,135.36
Grand Total,		<hr/> \$595,912.71



## SCHEDULE B.

Being a detailed statement of each appropriation, showing the additions  
to and the payments from.

### SELECTMEN'S DEPARTMENT.

Appropriation,		\$1,800.00
<i>Payments—</i>		
Salaries and Wages—		
Chairman,	\$600.00	
Other Selectmen,	600.00	
Clerk,	300.00	
Total Salaries and Wages,		\$1,500.00
Other Expenses—		
Stationery and Postage,	\$8.00	
Printing and Advertising,	172.82	
Carfares, teams, etc.,	33.60	
All Other,	9.30	
Total Other Expenses,		\$223.72
Total Payments,		\$1,723.72
Balance to Excess and Deficiency,		\$76.28



# ACCOUNTING DEPARTMENT.

Appropriation,		\$1,350.00
<i>Payments—</i>		
Salaries and Wages—		
Salary of Town Accountant,	\$1,200.00	
Other Expenses—		
Stationery and Postage,	\$33.10	
Printing and Advertising,	39.75	
All Other,	9.41	
	<hr/>	
Total Other Expenses,	\$82.26	
	<hr/>	
Total Payments,		\$1,282.26
		<hr/>
Balance to Excess and Deficiency,		\$67.74

# TREASURY DEPARTMENT.

Appropriation,		\$1,200.00
<i>Payments—</i>		
Salaries and Wages—		
Salary of Town Treasurer,	\$1,000.00	
Other Expenses—		
Stationery and Postage,	\$30.05	
Printing and Advertising,	55.25	
Treasurer's Bond,	100.00	
Other Expenses,	7.97	
	<hr/>	
Total Other Expenses,	\$193.27	
	<hr/>	
Total Payments,		\$1,193.27
		<hr/>
Balance to Excess and Deficiency,		\$6.73

# TAX COLLECTOR'S DEPARTMENT.

Receipts Credited to Estimated Receipts,	\$2.00	
		<hr/>
Appropriation,	\$1,400.00	
Appropriated from Reserve,	60.76	
		<hr/>
Total,		\$1,460.76
<i>Payments—</i>		
Salaries and Wages—		
Salary of Tax Collector,	\$1,000.00	
Clerical Assistance,	73.34	
		<hr/>
Total Salaries and Wages,		\$1,073.34
Other Expenses—		
Stationery and Postage,	\$165.07	
Printing and Advertising,	72.35	
Collector's Bond,	150.00	
		<hr/>
Total Other Expenses,		\$387.42
		<hr/>
Total Payments,		\$1,460.76

# ASSESSORS' DEPARTMENT.

Appropriation,		\$3,000.00
<i>Payments—</i>		
Salaries and Wages—		
Salaries of Assessors,	\$2,126.00	
Clerical Assistance,	180.00	
		<hr/>
Total Salaries and Wages,		\$2,306.00
Other Expenses—		
Stationery and Postage,	\$13.15	
Printing and Advertising,	249.35	
Carfares, teams, etc.,	88.97	
All Other,	12.00	
		<hr/>
Total Other Expenses,		\$363.47
		<hr/>
Total Payments,		\$2,669.47
		<hr/>
Balance to Excess and Deficiency,		\$330.53

# ASSESSORS' PLANS.

Appropriation,	\$1,000.00
<i>Payments—</i>	
Surveying and Making Plans,	929.95
	<hr/>
Balance Remaining,	\$70.05

# LAW DEPARTMENT.

Appropriation Jan. 15, for 1915 Bills,	\$10.00	
Appropriation Mar. 25th,	600.00	
	<hr/>	
Total,		\$610.00
<i>Payments—</i>		
Salaries and Wages—		
Town Counsel,	\$100.00	
Special Attorneys,	427.75	
	<hr/>	
Total Salaries and Wages,	\$527.75	
Other Expenses,	4.93	
	<hr/>	
Total Payments,		\$532.68
		<hr/>
Balance to Excess and Deficiency,		\$77.32

# TOWN CLERK'S DEPARTMENT.

Receipts Credited to Estimated		
Receipts,	\$2.80	
Appropriation,		\$450.00
<i>Payments—</i>		
Salaries and Wages—		
Salary of Town Clerk,	\$100.00	
Fees for Recording,	240.80	
	<hr/>	
Total Salaries and Wages,	\$340.80	

Other Expenses—		
Stationery and Postage,	\$58.52	
Printing and Advertising,	43.09	
All Other,	3.75	
	<hr/>	
Total Other Expenses,	\$105.36	
	<hr/>	
Total Payments,		\$446.16
		<hr/>
Balance to Excess and Deficiency,		\$3.84

#### ENGINEERING DEPARTMENT.

Appropriation,		\$900.00
<i>Payments—</i>		
Salaries and Wages—		
Salary of Town Engineer,	\$600.00	
Other Employees,	154.10	
	<hr/>	
Total Salaries and Wages,	\$754.10	
Other Expenses—		
Teams,	\$63.50	
Supplies,	20.02	
Surveying,	60.00	
	<hr/>	
Total Other Expenses,	\$143.52	
	<hr/>	
Total Payments,		\$897.62
		<hr/>
Balance to Excess and Deficiency,		\$2.38

#### PLANNING BOARD.

Appropriation,		\$100.00
<i>Payments—</i>		
Stationery, Etc.,	\$7.10	
Survey and Plan,	25.00	
	<hr/>	
Total Payments,		\$32.10
		<hr/>
Balance to Excess and Deficiency,		\$67.90

# ELECTION AND REGISTRATION.

Receipts Credited to Estimated			
Receipts,	\$1.50		
Appropriation,		\$950.00	
Appropriated from Reserve,		46.28	
		<hr/>	
Total,			\$996.28
<i>Payments—</i>			
Salaries and Wages—			
Registrars,	\$236.00		
Clerk,	100.00		
Election Officers,	280.00		
Clerical Assistance,	9.17		
	<hr/>		
Total Salaries and Wages,		\$625.17	
Other Expenses—			
Stationery and Postage,	\$ 2.18		
Printing and Advertising,	190.38		
Meals,	163.05		
Carfares, Teams, etc.,	15.50		
	<hr/>		
Total Other Expenses,		\$371.11	
		<hr/>	
Total Payments,			\$996.28

# MAINTENANCE OF TOWN HOUSE.

Receipts Credited to Estimated			
Receipts,	\$ .15		
Appropriated Jan. 15, for 1915 Bills,		\$35.05	
Appropriated March 25,		1,000.00	
Appropriated from Reserve,		1.15	
		<hr/>	
Total,			\$1,036.20
<i>Payments—</i>			
Salaries and Wages—			
Janitor Service,		\$440.27	

Other Expenses—		
Fuel,	\$190.94	
Light,	6.00	
Janitor's Supplies,	46.71	
Repairs,	49.85	
Telephones,	21.21	
Election Expenses,	183.83	
All Other,	97.39	
	<hr/>	
Total Other Expenses,		\$595.93
		<hr/>
Total Payments,		\$1,036.20

# POLICE DEPARTMENT.

Receipts Credited to Estimated		
Receipts,	\$6.75	
Appropriation,		\$8,500.00
<i>Payments—</i>		
Salaries and Wages—		
Chief,	\$1,300.00	
Patrolmen,	5,363.50	
Special Officers,	298.50	
Keeper of Lock-up,	31.00	
Janitor,	360.00	
Other Employees,	120.50	
	<hr/>	
Total Salaries and Wages,		\$7,473.50
<i>Horse and Auto Hire—</i>		
Hire,	\$36.20	
Auto Supplies,	195.59	
	<hr/>	
Total Horse and Auto Hire,		\$231.79
<i>Equipment and Repairs—</i>		
Equipment for Men,	\$21.90	
Equipment for Auto,	97.50	
	<hr/>	
Total Equipment and Repairs,		\$119.40



*Fuel and Light—*

Coal and Wood,	\$299.11	
Gas and Electricity,	57.65	
	<hr/>	
Total Fuel and Light,		\$356.76

*Maintenance of Buildings and Grounds—*

Repairs,	\$8.05	
Janitor's Supplies,	32.47	
All Other,	8.00	
	<hr/>	
Total Maintenance of Buildings and Grounds,		\$48.52

*Other Expenses—*

Printing, Stationery and Postage,	\$11.28	
Telephone,	66.24	
All Other,	136.12	
	<hr/>	
Total Other Expenses,		\$213.64

Total Payments,		<hr/>	\$8,443.61
Balance to Excess and Deficiency,			\$56.39

POLICE DEPARTMENT, SPECIAL.

Receipts,		\$24,350.71
<i>Payments—</i>		
Salaries and Wages,	\$13,590.58	
Board, Traveling Expenses, etc.,	10,760.13	
	<hr/>	
Total Payments,		\$24,350.71

POLICE DEPARTMENT, AUTOMOBILE.

Appropriation,		\$500.00
<i>Payments—</i>		
Automobile,		\$500.00

# FIRE DEPARTMENT.

Receipts Credited to Estimated

Receipts, \$33.75

Appropriation, \$15,100.00

*Payments—*

Salaries and Wages—

Chief, \$646.14

Engineers, 175.00

Firemen, 5,487.76

Call Men, 3,057.71

Other Employees, 311.91

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Total Salaries and Wages, \$9,678.52

Horse and Auto Hire, 1,804.50

*Equipment and Repairs—*

Apparatus, \$78.44

Hose, 28.08

Equipment for Men, 99.81

Fire Alarm, 139.81

Motor Apparatus, 369.58

All Other, 204.52

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Total Equipment and Repairs, \$920.24

*Hydrant Service—*

New Hydrants, \$167.35

Repairs, 80.87

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Total Hydrant Service, \$248.22

*Fuel and Light—*

Coal and Wood, \$766.07

Gas and Electricity, 238.91

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Total Fuel and Light, \$1,004.98

Maintenance of Buildings—

Carpentry and Painting, \$735.31

Plumbing, 4.85

Janitor's Supplies, 280.99

All Other, 136.47

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Total Maintenance of Buildings, \$1,157.62

*Other Expenses—*

Stationery and Postage,	\$74.50
Printing and Advertising,	3.50
Telephone,	58.10
Freight and Express,	27.87
All Other,	116.95

Total Other Expenses,	\$280.92
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Total Payments,	\$15,095.00
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Balance to Excess and Deficiency,	\$5.00
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SEALING WEIGHTS AND MEASURES.

Receipts credited to Estimated

Receipts,	\$87.86	
Appropriation Jan. 15, for 1915 Bills,		\$71.06
Appropriation March 25,		800.00
Total,		\$871.06

*Payments—*

Salaries and Wages—

Salary of Sealer,	\$390.00
Other Employees,	34.50
Total Salaries and Wages,	\$424.50

*Other Expenses—*

Stationery and Postage,	\$7.91
Printing and Advertising,	26.46
Carfares, Teams, etc.,	112.50
All Other,	80.06

Total Other Expenses,	\$226.93
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Total Payments,	\$651.43
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Balance to Excess and Deficiency,	\$219.63
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# FIRE DEPARTMENT, MOTOR APPARATUS.

Balance from 1915,	\$66.54	
Appropriation,	\$16,750.00	
Total,		\$16,816.54
No Payments.		

## MOTH SUPPRESSION.

Appropriation Jan. 15, for 1915 Bills,	\$5.66	
Appropriation March 25,	5,000.00	
Total,		\$5,005.66
<i>Payments—</i>		
Salaries and Wages—		
Superintendent,	\$649.50	
Labor,	2,710.80	
Total Salaries and Wages,	\$3,360.30	
Other Expenses—		
Teams,	\$756.60	
Insecticides,	719.25	
Hardware and Tools,	71.23	
Telephone,	28.52	
All Other,	69.62	
Total Other Expenses,	\$1,645.22	
Total Payments,		\$5,005.52
Balance to Excess and Deficiency,		\$ .14

## TREE WARDEN'S DEPARTMENT.

Appropriation Jan. 15, for 1915 Bills,	\$22.90	
Appropriation March 25,	1,200.00	
Total,		\$1,222.90

*Payments—*

Salaries and Wages—

Tree Warden,	\$368.25
Labor,	388.65

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Total Salaries and Wages,	\$756.90
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Other Expenses—

Teams,	\$220.34
Hardware and Tools,	59.37
Insecticides,	147.50
Trees,	3.50
Telephone,	22.10
All Other,	13.18

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Total Other Expenses,	\$465.99
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Total Payments,	\$1,222.89
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Balance to Excess and Deficiency,	\$ .01
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FOREST WARDEN'S DEPARTMENT.

Appropriation,	\$2,500.00
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*Payments—*

Salaries and Wages—

Salary of Forest Warden,	\$200.00
Labor,	144.10

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Total Salaries and Wages,	\$344.10
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Other Expenses—

Apparatus,	\$405.82
Team Hire,	132.75
Telephone,	33.70
Repairs to Watch Tower,	481.29
All Other,	81.40

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Total Other Expenses,	\$1,134.96
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Total Payments,	\$1,479.06
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Balance to Excess and Deficiency,	\$1,020.94
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### FOREST WARDEN'S TRUCK.

Balance from 1915,	\$30.38
<i>Payments—</i>	
Carpentering and Lumber,	\$23.90
Balance Remaining,	<u>\$6.48</u>

### SHELL FISH DEPARTMENT.

Appropriation,	\$700.00
<i>Payments—</i>	
Salary of Supervisor,	\$600.00
Signs,	<u>15.00</u>
Total Payments,	<u>\$615.00</u>
Balance to Excess and Deficiency,	\$85.00

### INLAND FISHERIES.

Appropriation,	\$300.00
<i>Payments—</i>	
Fish, and Carting same,	<u>38.00</u>
Balance to Excess and Deficiency,	\$262.00

### HEALTH DEPARTMENT.

Receipts Credited to Estimated	
Receipts,	\$106.35
Appropriation,	\$7,200.00
Appropriated from Reserve,	<u>220.30</u>
Total,	\$7,420.30



*Payments—*

General Expenses—

Salary of Chairman,	\$225.00	
Salary of Clerk,	125.00	
Clerical Assistance,	35.60	
Stationery and Postage,	23.50	
Printing and Advertising,	110.47	
All Other,	180.53	
	<hr/>	
Total General Expenses,		\$700.10

Quarantine and Contagious Disease—

Board and Treatment,	\$423.07	
Medical Attendance,	536.50	
Guards and Nurses,	144.10	
Dry Goods and Clothing,	3.75	
All Other,	47.55	
	<hr/>	
Total Quarantine and Contagious Disease,		\$1,154.97

Tuberculosis—

Board and Care,	\$1,148.32	
Groceries and Provisions,	386.00	
All Other,	268.60	
	<hr/>	
Total Tuberculosis,		\$1,802.92

Tuberculosis Dispensary—

Physician,	\$241.73	
Nurse,	122.30	
Rent,	330.00	
Light,	15.50	
Janitor Service,	88.00	
Supplies,	13.65	
Repairs,	12.95	
	<hr/>	
Total Tuberculosis Dispensary,		\$824.13

Vital Statistics—		
Births,	\$17.50	
Deaths,	31.00	
	<hr/>	
Total Vital Statistics,		\$48.50

Other Expenses—		
Agent,	\$307.91	
Plumbing Inspectors,	645.00	
Fumigation and Disinfectants,	157.25	
Vaccination,	3.00	
All Other,	48.38	
	<hr/>	
Total Other Expenses,		\$1,161.54

Inspection—		
Animals,	\$200.00	
Meats and Provisions,	554.00	
Milk,	129.70	
	<hr/>	
Total Inspection,		\$883.70

<i>Public Dumps—</i>		
Labor,	\$796.80	
Expenses,	39.64	
	<hr/>	
Total Public Dumps,		\$836.44

Total Payments,		<hr/>	\$7,412.30
Balance to Excess and Deficiency,			<hr/>
			\$8.00

#### HEALTH DEPARTMENT, LAND FOR DUMP.

Balance from 1915,	\$200.00
No Payments	

# PUBLIC SANITARIES.

Appropriation Jan. 15, for 1915 Bills,	\$40.08	
Appropriation March 25,	400.00	
		<hr/>
Total,		\$440.08
<i>Payments—</i>		
Janitor,	\$195.00	
Supplies,	143.87	
Repairs,	26.94	
All Other,	1.50	
		<hr/>
Total Payments,		\$367.31
		<hr/>
Balance to Excess and Deficiency,		\$72.77

# SEWER DEPARTMENT.

Receipts Credited to Estimated		
Receipts,	\$75.08	
Appropriation Jan. 15, for 1915 Bills,	\$47.25	
Appropriation March 25,	2,000.00	
		<hr/>
Total,		\$2,047.25
<i>Payments—</i>		
Maintenance—		
Labor,	\$659.75	
Equipment,	55.53	
Pipe and Fittings,	201.19	
Brick and Cement,	4.60	
All Other,	2.96	
		<hr/>
Total Maintenance,		\$924.03
Standish Avenue Extension—		
Labor,	\$211.05	
Pipe and Cement,	144.20	
Manholes,	115.60	
All Other,	3.42	
		<hr/>
Total Standish Avenue,		\$474.27

Brookside Avenue Sewer—		
Labor,	\$195.48	
Pipe and Cement,	152.04	
Manholes,	112.31	
	<hr/>	
Total Brookside Avenue,		\$459.83
		<hr/>
Total Payments,		\$1,858.13
		<hr/>
Balance to Excess and Deficiency,		\$189.12

#### WATER STREET EXTENSION SEWER.

Appropriation,		\$3,000.00
<i>Payments—</i>		
Labor,	\$1,215.49	
Teams,	25.66	
Pipe and Cement,	894.98	
Manholes,	207.46	
Lumber,	28.90	
	<hr/>	
Total Payments,		\$2,372.49
		<hr/>
Balance Remaining,		\$627.51

#### ROADS AND BRIDGES.

Receipts Credited to Estimated		
Receipts,	\$ .41	
Appropriation,	\$25,000.00	
Appropriated from Reserve,	3,936.64	
From Revenue for State Highway Tax,	1,824.35	
	<hr/>	
Total,		\$30,760.99
<i>Payments—</i>		
General Administration—		
Salary of Superintendent,	\$1,199.71	
Clerical Assistance,	14.20	
All Other,	78.67	
	<hr/>	
Total General Administration,		\$1,292.58

General Highway Expenditures—

Labor,	\$13,255.13	
Teams,	1,911.34	
Stone, Gravel, etc.,	61.11	
Pipe and Cement,	578.86	
Equipment and Repairs,	2,354.69	
Hay and Grain,	1,655.50	
Horse Shoeing and Care,	192.38	
Freight and Express,	123.96	
Road Oil, etc.,	1,516.44	
Coal and Wood,	72.39	
Repairs to Standish Ave. Bridge,	3,772.59	
Stone Bounds,	125.00	
State Highway Tax,	1,824.35	
All Other,	678.86	
<hr/>		
Total General Expenditures,		\$28,122.60

Street Cleaning—

Labor,	\$788.90	
Teams,	106.49	
All Other,	52.50	
<hr/>		
Total Street Cleaning,		\$947.89

Other Expenses—

Drinking Fountain,	\$148.32	
Street Signs,	19.63	
Fences,	229.97	
<hr/>		
Total Street Cleaning,		\$397.92

Total Payments,		\$30,760.99
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SUMMER AND SAMOSET STREETS REPAIRS.

Appropriation,	\$1,000.00
No Payments.	

# HIGHWAY CONSTRUCTION.

Balance from 1915,		\$5,789.36
<i>Payments—</i>		
Court Street—		
Asphalt,	\$360.16	
Labor,	43.38	
Pipe, etc.,	39.52	
	<hr/>	
Total Court Street,		\$443.06
Main Street Extension, Land Damages,		3,077.50
Water Street Extension, Gravel,		70.10
Sandwich and Clifford Roads,—		
Labor,	\$270.53	
Teams,	203.25	
	<hr/>	
Total Sandwich and Clifford Roads,		\$473.78
	<hr/>	
Total Highway Construction,		\$4,064.44
		<hr/>
Balance Remaining,		\$1,724.92

## SAMOSSET STREET.

Balance from 1915,	\$120.31	
Appropriation,	18,000.00	
	<hr/>	
Total,		\$18,120.31
<i>Payments—</i>		
Labor,	\$4,930.43	
Teams,	3,333.13	
Stone,	4,143.84	
Tarvia,	2,304.00	
All Other,	255.75	
	<hr/>	
Total Payments,		\$14,967.15
		<hr/>
Balance Remaining,		\$3,153.16



### BARTLETT ROAD.

Appropriation,		\$300.00
<i>Payments—</i>		
Labor,	\$3.90	
Lumber,	25.14	
	<hr/>	
Total Payments,		\$29.04
		<hr/>
Balance Remaining,		\$270.96

### BEAVER DAM ROAD.

Balance from 1915,	\$420.94	
Appropriation,	500.00	
	<hr/>	
Total,		\$920.94
<i>Payments—</i>		
Labor,	\$147.15	
Teams,	185.93	
	<hr/>	
Total Payments,		\$333.08
		<hr/>
Balance Remaining,		\$587.86

### MAIN STREET EXTENSION, ALTERATIONS AND SIDEWALK.

Balance from 1915,	\$434.17	
Appropriation,	1,000.00	
	<hr/>	
Total,		\$1,434.17
<i>Payments—</i>		
Labor,	\$124.86	
Teams,	26.78	
Lumber,	2.35	
	<hr/>	
Total Payments,		\$153.99
		<hr/>
Balance Remaining,		\$1,280.18

# WARREN AVENUE DAMAGES.

Appropriation,	\$11,500.00
<i>Payments—</i>	
Damages,	11,130.00
	<hr/>
Balance Remaining,	\$370.00

# WARREN AVENUE CONSTRUCTION.

Appropriation,	\$5,000.00
<i>Payments—</i>	
Labor,	\$1,373.12
Teams,	513.61
Moving Water Pipes and Hydrants,	243.11
Moving Fire Alarm,	149.14
Moving Street Railway Track,	1,000.00
All Other,	69.20
	<hr/>
Total Payments,	\$3,348.18
	<hr/>
Balance Remaining,	\$1,651.82

# SANDWICH STREET, DAMAGES.

Appropriation,	\$10,500.00
<i>Payments—</i>	
Damages,	3,143.50
	<hr/>
Balance Remaining,	\$7,356.50

# SANDWICH STREET, CONSTRUCTION.

Appropriation,	\$3,000.00
<i>Payments—</i>	
Labor,	\$21.88
Moving Water Pipe,	28.59
	<hr/>
Total Payments,	\$50.47
	<hr/>
Balance Remaining,	\$2,949.53

### STRAND AVENUE.

Appropriation,	\$100.00	
Appropriated from Reserve,	36.60	
	<hr/>	
Total,		\$136.60
<i>Payments—</i>		
Labor,	\$67.52	
Teams,	69.08	
	<hr/>	
Total Payments,		\$136.60

### SAMOSET AVENUE.

Appropriation,		\$300.00
<i>Payments—</i>		
Labor,	\$137.07	
Teams,	78.07	
	<hr/>	
Total Payments,		\$215.14
		<hr/>
Balance Remaining,		\$84.86

### STREET LINE SURVEY.

Appropriation,		\$400.00
<i>Payments—</i>		
Surveying,		395.65
	<hr/>	
Balance to Excess and Deficiency,		\$4.35

### SIDEWALKS.

Receipts Credited to Estimated		
Receipts,	\$30.87	
Appropriation,		\$5,000.00

*Payments—*

*Repairs—*

Labor,	\$1,515.83	
Teams,	137.90	
Materials,	693.25	
All Other,	161.72	
	<hr/>	

Total Repairs,	\$2,508.70
Granolithic Sidewalk,	635.10

*Concrete Curbing—*

Labor,	\$703.05
Teams,	300.28
Cement,	252.80
Clip Bar,	102.96
Lumber, etc.,	42.17
	<hr/>

Total Concrete Curbing,	\$1,401.26
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Total Payments,	\$4,545.06
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Balance to Excess and Deficiency,	\$454.94
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### STREET SPRINKLING.

Receipts Credited to Estimated

Receipts,	\$147.03
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Appropriation,	\$5,000.00
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*Payments—*

*Water—*

Teams,	\$691.16
Equipment and Repairs,	42.86
All Other,	2.00
	<hr/>

Total Water,	\$736.02
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*Other—*

Labor,	\$89.40
Teams,	26.13
Equipment and Repairs,	35.89

Oil,	2,723.35	
All Other,	36.00	
	<hr/>	
Total Other,		\$2,910.77
		<hr/>
Total Payments,		\$3,646.79
		<hr/>
Balance to Excess and Deficiency,		\$1,353.21

### SNOW REMOVAL.

Appropriation,	\$4,000.00	
Appropriated from Reserve,	42.79	
	<hr/>	
Total,		\$4,042.79
<i>Payments—</i>		
Labor,	\$3,682.53	
Teams,	360.26	
	<hr/>	
Total Payments,		\$4,042.79

### STREET LIGHTING.

Appropriation,		\$12,500.00
<i>Payments—</i>		
Street Lights,	\$11,847.16	
Pilgrim Wharf Lights,	60.00	
Channel Range Lights,	80.00	
	<hr/>	
Total Payments,		\$11,987.16
		<hr/>
Balance to Excess and Deficiency,		\$512.84

### HARBOR MASTER'S DEPARTMENT.

Appropriation,	\$150.00
<i>Payments—</i>	
Salary of Harbor Master,	\$150.00

### PILGRIM WHARF.

Balance from 1915,	\$60.66
No Payments.	

### DRINKING FOUNTAIN.

Balance from 1915,	\$820.13	
Received from Plymouth Commercial Club,	108.00	
Appropriated from Reserve,	832.12	
	<hr/>	
Total,		\$1,760.25
<i>Payments—</i>		
Fountain,	\$1,533.68	
Extra Mason Work,	28.21	
Plumbing,	24.00	
Pump, Motor and Pump House,	167.46	
Seeding Grounds,	6.90	
	<hr/>	
Total Payments,		\$1,760.25

### SHORE PROPERTY.

*Josiah Robbins' Estate.*

Balance from 1915,	\$100.00
No Payments.	

### ANCHORAGE BASIN.

Balance from 1915,	\$4.93
No Payments.	

### POOR DEPARTMENT.

Receipts Credited to Estimated		
Receipts,	\$1,751.70	
Appropriated Jan. 15 for 1915 Bills,	\$432.00	
Appropriated March 25,	15,000.00	
Income from Trust Funds,	100.08	
	<hr/>	
Total,		\$15,532.08



*Payments—*

General Administration—

Salary of Chairman,	\$50.00
Salary of Secretary,	250.00
Printing, Stationery and Postage,	16.30
All Other,	23.84

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Total General Administration,	\$340.14
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Almshouse—

Salary of Superintendent,	\$611.09
Other Salaries and Wages,	855.15
Groceries and Provisions,	1,557.65
Dry Goods and Clothing,	221.30
Building,	292.07
Fuel and Light,	763.24
Equipment,	117.25
Hay and Grain,	732.33
All Other,	238.82

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Total Almshouse,	\$5,388.90
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Outside Relief by Town—

Cash,	\$1,350.75
Rent,	1,231.00
Groceries and Provisions,	3,129.20
Coal and Wood,	668.00
Medical Attendance and Medicine,	639.65
Burials,	85.00
State Institutions,	203.14
Other Institutions,	95.72
All Other,	89.34

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Total Outside Relief,	\$7,491.80
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Relief Given by Other Cities

and Towns,	735.00
All Other Expenses,	2.65

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Total Payments,	\$13,958.49
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Balance to Excess and Deficiency,	\$1,573.59
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# MOTHERS' AID.

Receipts Credited to Estimated		
Receipts,	\$1,821.91	
Appropriation,		\$4,000.00
<i>Payments—</i>		
Cash,	\$3,186.50	
Rent,	102.10	
Fuel,	52.25	
Medical Attendance,	16.00	
All Other,	9.81	
	<hr/>	
Total Payments,		\$3,366.66
		<hr/>
Balance to Excess and Deficiency,		\$633.34

# WIDOWS' ACCOUNT.

Balance from 1915,	\$22.00	
Income from Bank Stock,	100.00	
Total,	<hr/>	\$122.00
<i>Payments—</i>		
Cash,		\$100.00
Balance Remaining,		\$22.00

# STATE AID.

Payments, Charged to the Commonwealth,	\$3,287.67
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# SOLDIERS' BURIALS.

Payments, Charged to Commonwealth,	\$50.00
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# MILITARY AID.

Payments,	\$312.00	
One-half Charged to the Commonwealth,	156.00	
	<hr/>	
Balance to be Appropriated,		\$156.00

# SOLDIERS' RELIEF.

## *Payments—*

Cash,	\$2,102.00	
Groceries and Provisions,	603.40	
Fuel,	82.30	
Medical Attendance,	1,562.00	
All Other,	45.50	
	<hr/>	
Total to be Appropriated,		\$4,395.20

# AID TO SOLDIERS AND THEIR FAMILIES.

Appropriated from Reserve,	\$870.00
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## *Payments—*

Cash,	\$661.00	
Rent and Board,	121.00	
All Other,	88.00	
	<hr/>	
Total Payments,		\$870.00

# SCHOOL DEPARTMENT.

## Receipts Credited to Estimated

Receipts,	\$437.61	
Appropriation,	\$87,000.00	
Income from Murdock Fund,	18.47	
	<hr/>	
Total,		\$87,018.47

## *Payments—*

### General Expenses—

Salary of Superintendent,	\$2,200.00
Salary of Clerk,	434.85
Truant Officer,	180.00
Printing Stationery and Postage,	351.89
Telephone,	65.91

Traveling Expenses,	253.26
Freight and Express,	199.57
All Other,	831.53

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Total General Expenses,	\$4,517.01
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*Teachers' Salaries—*

Day,	\$51,419.92
Evening,	495.50

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Total Teachers' Salaries,	\$51,915.42
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*Text Books and Supplies—*

Text and Reference Books,	\$2,770.21
Paper, Blank Books, etc.,	3,216.60
Manual Training Supplies,	5.30
Domestic Science Supplies,	326.10
All Other Supplies,	1,143.45

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Total Text Books and Supplies,	\$7,461.66
Tuition,	210.00

*Transportation—*

Teams,	\$466.28
Carfares,	1,486.57

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Total Transportation,	\$1,952.85
Support of Truants,	225.35

*Janitors' Service—*

Day,	\$6,015.84
Evening,	26.50

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Total Janitors' Service,	\$6,042.34
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*Fuel and Light—*

Coal and Wood,	\$6,799.19
Gas and Electricity,	460.40

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Total Fuel and Light,	\$7,259.59
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*Maintenance of Buildings and Grounds—*

Carpentry and Painting,	\$1,483.45
Plumbing,	883.04

Lumber, Brick, etc.,	25.24	
Flags and Flagstaffs,	47.16	
Janitors' Supplies,	619.54	
Telephones,	189.84	
Removal of Rubbish, etc.,	171.65	
All Other,	410.43	
<hr/>		
Total Maintenance of Buildings and Grounds,		\$3,830.35
Furniture and Furnishings—		
Desks and Chairs,	\$313.29	
Clocks,	50.25	
All Other,	19.76	
<hr/>		
Total Furniture and Furnishings,		\$383.30
Other Expenses—		
Graduation Exercises,	\$114.00	
All Other,	50.50	
<hr/>		
Total Other Expenses,		\$164.50
Medical Inspection—		
Physicians,	\$525.75	
Nurse,	603.75	
Supplies, etc.,	189.11	
<hr/>		
Total Medical Inspection,		\$1,318.61
<hr/>		
Total Payments,		\$85,280.98
		<hr/>
Balance to Excess and Deficiency,		\$1,737.49

#### NEW SCHOOL AND FURNISHINGS.

Balance from 1915,	\$222.10
Payments—	
Furnishings,	68.53
<hr/>	
Balance Remaining,	\$153.57

### HEDGE SCHOOL ADDITION.

Balance from 1915,	\$8.15
<i>Payments—</i>	
Coal Bins,	\$8.15

### HIGH SCHOOL ADDITION.

Balance from 1915,	\$80.71
<i>Payments—</i>	
Furnishings,	\$80.71

### NATHANIEL MORTON SCHOOL ADDITION.

Appropriation,	\$46,000.00
<i>Payments—</i>	
Advertising for Bids,	\$7.50
Architects to Dec. 1, 1916,	900.00
Building Contract to Dec. 1, 1916,	19,844.00
Heating and Ventilating to Dec. 1, 1916,	2,770.00
	<hr/>
Total Payments,	\$23,521.50
	<hr/>
Balance Remaining,	\$22,478.50

### OLD SCHOOL AT ELLISVILLE.

Received from Sale of Building,	\$100.00
No Payments	

### PLYMOUTH PUBLIC LIBRARY.

Appropriation,	\$2,600.00
Dog Tax of 1915,	1,105.25
Income from Trust Fund,	90.40
	<hr/>
Total,	\$3,795.65
<i>Payments—</i>	
Cash to Treasurer of Library,	\$3,795.65



# MANOMET LIBRARY.

Appropriation,	\$250.00	\$250.00
<i>Payments—</i>		
Cash to Treasurer of Library,		\$250.00

## PARK DEPARTMENT.

Receipts Credited to Estimated		
Receipts,	\$226.63	
	<hr/>	
Appropriation,	\$1,900.00	
Income from Trust Fund,	101.25	
Appropriated from Reserve,	15.59	
	<hr/>	
Total,		\$2,016.84
<i>Payments—</i>		
General—		
Salaries and Wages,	\$1,094.96	
Teams,	188.14	
Loam,	68.00	
All Other,	245.58	
	<hr/>	
Total General Expenses,	\$1,596.68	
Bathing Beaches—		
Labor,	\$364.40	
Supplies,	9.35	
Repairs,	46.41	
	<hr/>	
Total Bathing Beaches,	\$420.16	
	<hr/>	
Total Payments,		\$2,016.84

TRAINING GREEN.

Appropriation,		\$200.00
<i>Payments—</i>		
Salaries and Wages,	\$168.90	
Teams,	6.00	
All Other,	8.00	
	<hr/>	
Total Payments,		\$182.90
		<hr/>
Balance to Excess and Deficiency,		\$17.10

IMPROVEMENTS AT BEACH PARK.

Appropriation March 25, 1916,	\$500.00	
Appropriation May 13, 1916,	500.00	
Appropriated from Reserve,	264.72	
	<hr/>	
Total,		\$1,264.72
<i>Payments—</i>		
Labor,	\$334.85	
Materials,	654.60	
Plumbing and Hardware,	190.54	
Furniture,	37.53	
Bathing Suits,	47.20	
	<hr/>	
Total Payments,		\$1,264.72

STEPHENS FIELD FENCES.

Appropriation from 1915,		\$300.00
<i>Payments—</i>		
Labor,	\$105.60	
Posts, Wire, etc.,	103.42	
	<hr/>	
Total Payments,		\$209.02
		<hr/>
Balance Remaining,		\$90.98

# NELSON STREET BATH HOUSE.

Appropriation,	\$500.00
Appropriated from Reserve,	53.01
Total,	<hr/> \$553.01
<i>Payments—</i>	
Addition to Bath House,	\$553.01

# INDIAN LANDS.

Appropriation,	\$200.00
<i>Payments—</i>	
Labor,	\$156.01
Tools and Hardware,	43.99
Total Payments,	<hr/> \$200.00

# SEXTON.

Appropriation,	\$125.00
<i>Payments—</i>	
Salary of Sexton,	\$125.00

# MEMORIAL DAY.

Appropriation,	\$225.00
<i>Payments—</i>	
Observance of Memorial Day,	\$225.00

# JULY FOURTH CELEBRATION.

Appropriation,	\$500.00
<i>Payments—</i>	
Band,	\$69.00
Theatre and Chairs,	24.00
Lumber,	34.15

Prize Cups,	17.50	
Printing,	89.20	
All Other,	9.03	
	<hr/>	
Total Payments,		\$242.88
		<hr/>
Balance to Excess and Deficiency,		\$257.12

# MISCELLANEOUS.

Appropriation Jan. 15, for 1915 Bills,	\$204.00	
Appropriation March 25,	2,500.00	
	<hr/>	
Total,		\$2,704.00
<i>Payments—</i>		
Legislative—		
Salary of Moderator,	\$50.00	
Committee of Fifteen Expenses,	48.70	
	<hr/>	
Total Legislative,	\$98.70	
Other Finance Offices and Accounts—		
Printing Bonds,	\$76.50	
Certifying Notes,	12.00	
	<hr/>	
Total Other Finance,	\$88.50	
Pulmotor Expenses,	3.71	
Ringin Bells, July 4th,	4.00	
Herring Streams, Expenses,	44.00	
Damages to Persons and Personal Property,	142.00	
Town Clock Expenses,	148.15	
Printing Town Reports,	975.39	
Planning Board Map,	150.00	
Industrial Education,	2.00	
Total Payments,	<hr/>	\$1,656.45
		<hr/>
Balance to Excess and Deficiency,		\$1,047.55

# RESERVE ACCOUNT.

Appropriation,		\$7,000.00
<i>Payments—</i>		
Transfers to—		
Tax Collector's Department,	\$60.76	
Election and Registration,	46.28	
Maintenance of Town House,	1.15	
Health Department,	220.30	
Roads and Bridges,	3,936.64	
Strand Avenue,	36.60	
Snow Removal,	42.79	
Drinking Fountain,	832.12	
Aid to Soldiers' Families,	870.00	
Park Department,	15.59	
Beach Park Bath House,	264.72	
Nelson Street Bath House,	53.01	
Town Debt and Interest,	619.40	
	<hr/>	
Total Transfers,		\$6,999.36
		<hr/>
Balance to Excess and Deficiency,		\$ .64

# WATER DEPARTMENT MAINTENANCE.

Appropriation,	\$16,000.00	
Labor, etc., for Other Depts.,	375.97	
	<hr/>	
Total,		\$16,375.97
<i>Payments—</i>		
Administration—		
Superintendent,	\$1,500.00	
Assistant Superintendent,	499.97	
Registrar,	750.00	
Clerk,	463.50	
Printing, Stationery, etc.,	165.46	
Telephones,	90.12	
All Other,	519.42	
Total Administration,	<hr/>	\$3,988.47

General—		
Labor,	\$3,781.85	
Teams,	33.60	
Pipe and Fixtures,	2,714.71	
Meters and Fittings,	1,860.25	
Freight and Express,	132.06	
Equipment and Repairs,	376.02	
Hay and Grain,	203.28	
All Other,	379.37	
	<hr/>	
	\$9,481.14	
Less Pipe, etc., used on		
Construction Work,	2,285.83	
	<hr/>	
Total General,		\$7,195.31
Pumping Station—		
Engineers,	\$1,899.96	
Boiler and Pumps,	365.10	
Oil, Waste and Packing,	130.59	
Coal,	1,474.69	
All Other,	171.11	
	<hr/>	
Total Pumping Station,		\$4,041.45
Service Connections—		
Labor,	\$500.00	
Pipe and Fittings,	634.24	
	<hr/>	
Total Service Connections,		\$1,134.24
	<hr/>	
Total Payments,		\$16,359.47
		<hr/>
Balance to Excess and Deficiency,		\$16.50

#### WATER DEPARTMENT CONSTRUCTION.

Balance from 1915,	\$4.31	
Appropriation,	5,000.00	
	<hr/>	
Total,		\$5,004.31



*Payments—*

Labor,	\$2,201.51	
Pipe and Fittings,	2,776.48	
All Other,	26.32	
	<hr/>	
Total Payments,		\$5,004.31

WATER DEPARTMENT CONSTRUCTION.

Park Avenue.

Appropriation,		\$700.00
<i>Payments—</i>		
Labor,	\$362.58	
Pipe and Fittings,	337.42	
	<hr/>	
Total Payments,		\$700.00

OAK GROVE AND VINE HILLS CEMETERIES.

Receipts Credited to Estimated

Receipts,	\$2,315.56	
Appropriation,		\$5,000.00
Income from Trust Funds,		478.29
		<hr/>
Total,		\$5,478.29

*Payments—*

Salaries and Wages—

Superintendent,	\$705.00	
Labor,	3,712.79	
	<hr/>	
Total Salaries and Wages,		\$4,417.79

Other Expenses—

Teams,	\$307.58	
Loam,	223.94	
Trees, Shrubs, etc.,	54.65	

Tools,	120.42		
Telephone,	18.50		
All Other,	253.19		
Total Other Expenses,		\$978.28	
Total Payments,			\$5,396.07
Balance to Excess and Deficiency,			\$82.22

# OAK GROVE AND VINE HILLS CEMETERIES, WATER PIPE.

Balance from 1915,	\$6.41	
Appropriation,	200.00	
Total,		\$206.41
No Payments.		

# BURIAL HILL CEMETERY.

Receipts Credited to Estimated			
Receipts,	\$27.10		
Appropriation,		\$1,000.00	
Income from Trust Funds,		44.59	
Total,			\$1,044.59
<i>Payments—</i>			
Salaries and Wages—			
Superintendent,	\$85.00		
Labor,	715.89		
Police Duty,	61.80		
Total Salaries and Wages,		\$862.69	
Other Expenses—			
Teams,	\$30.09		
Loam,	10.80		

Trees, Shrubs, etc.,	1.25	
Tools,	35.99	
All Other,	73.54	
	<hr/>	
Total Other Expenses,		\$151.67
		<hr/>
Total Payments,		\$1,014.36
		<hr/>
Balance to Excess and Deficiency,		\$30.23

CHILTONVILLE, MANOMET, CEDARVILLE AND SOUTH  
POND CEMETERIES.

Receipts Credited to Estimated		
Receipts,	\$37.08	
Appropriation,		\$150.00
<i>Payments—</i>		
Labor,	\$85.10	
Trees, Shrubs, etc.,	7.80	
All Other,	15.00	
	<hr/>	
Total Payments,		\$107.90
		<hr/>
Balance to Excess and Deficiency,		\$42.10

ADDITION TO MANOMET CEMETERY.

Appropriation,		\$475.00
<i>Payments—</i>		
Land,	\$175.00	
Recording Deed,	1.65	
Labor,	122.26	
	<hr/>	
Total Payments,		\$298.91
		<hr/>
Balance Remaining,		\$176.09

MONUMENTS TO PERSONS WHO SERVED IN THE  
REVOLUTIONARY WAR.

Balance from 1915, No Payments.	\$62.15
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TOWN DEBT AND INTEREST.

Receipts Credited to Estimated Receipts,	\$3,137.62	
Appropriation,		\$40,000.00
Appropriated from Reserve,		619.40
Total,		\$40,619.40
<i>Payments—</i>		
Interest—		
Anticipation of Taxes,	\$2,403.54	
Sewer Loans,	618.75	
School Loans,	3,230.58	
Other General Loans,	1,835.37	
Water Loans,	2,864.50	
Total Interest,		\$10,952.74
Town Debt—		
Sewer Loans,	\$2,000.00	
School Loans,	8,800.00	
Other General Loans,	8,000.00	
Water Loans,	10,866.66	
Total Town Debt,		\$29,666.66
Total Payments,		\$40,619.40

## SCHEDULE C.

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### ESTIMATED RECEIPTS.

#### Credits, Amounts Actually Received—

Corporation Tax,	\$34,725.08
National Bank Tax,	• 178.16
Moth Assessment,	575.54
Street Railway Excise Tax,	636.96
Sealing Weights and Measures,	87.86
Health Department,	106.35
Sewer Department,	75.08
Highways,	178.31
Poor Department,	3,573.61
Cemetery Department,	2,379.74
Interest,	3,137.62
Water Department,	37,544.70

#### Miscellaneous—

Soldiers' Exemptions,	\$169.76
Peddlers' Licenses,	270.00
Junk Licenses,	185.00
All Other Licenses,	129.75
Sewer Permits,	578.00
Court Fines,	530.04
Other Departmental,	1,005.35
Income from Bank Stock,	200.00
Herring Fisheries,	684.25
Total Miscellaneous,	<hr/> \$3,752.15

Total Actual Receipts,	<hr/> \$86,951.16
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Charges, Estimated in Making Tax Warrant—

Corporation Tax,	\$27,686.33	
National Bank Tax,	1,701.81	
Moth Assessment,	129.12	
Street Railway Excise Tax,	599.43	
Sealing Weights and Measures,	32.50	
Health Department,	1.20	
Sewer Department,	1,114.27	
Highways,	195.74	
Poor Department,	3,238.97	
Cemetery Department,	2,780.71	
Interest,	3,224.21	
Water Department,	37,969.07	
Miscellaneous,	2,503.28	
	<hr/>	
Total Estimated Receipts,		\$81,176.64
		<hr/>
Excess of Actual Receipts, See Revenue Account (Schedule D.)		\$5,774.52



## SCHEDULE D.

### REVENUE ACCOUNT, 1916.

Charges—	
Total Appropriations,	\$323,487.48
Less Estimated Receipts,       \$81,176.64	
Less Appropriation from Reserve, 2,100.00	
<hr/>	
Total Deductions,	\$83,276.64
<hr/>	
Net Amount to be Assessed,	\$240,210.84
Additional Bank Tax,	13.29
Excess Revenue, See Excess and	
Deficiency (Schedule E)	5,761.23
<hr/>	
	\$245,985.36
Credits—	
Assessors' Warrant,	\$240,210.84
Excess of Estimated Receipts (Schedule C),	5,774.52
<hr/>	
	\$245,985.36

## SCHEDULE E.

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### EXCESS AND DEFICIENCY.

Charges—	
None	
Credits—	
Excess Revenue (Schedule D)	\$5,761.23
Unexpended Balances—	
Selectmen's Department,	\$76.28
Accounting Department,	67.74
Treasury Department,	6.73
Assessors' Department,	330.53
Law Department,	77.32
Town Clerk's Department,	3.84
Engineering Department,	2.38
Planning Board,	67.90
Police Department,	56.39
Fire Department,	5.00
Sealing Weights and Measures,	219.63
Moth Suppression,	.14
Tree Warden's Department,	.01
Forest Warden's Department,	1,020.94
Shell Fish Department,	85.00
Inland Fisheries,	262.00
Health Department,	8.00
Public Sanitarries,	72.77
Sewer Maintenance,	189.12
Survey of Street Lines,	4.35
Sidewalks,	454.94
Street Sprinkling,	1,353.21
Street Lighting,	512.84

Poor Department,	1,573.59	
Mothers' Aid,	633.34	
School Department,	1,737.49	
Training Green,	17.10	
July 4th Celebration,	257.12	
Miscellaneous,	1,047.55	
Reserve Account,	.64	
Water Department,	16.50	
Oak Grove and Vine Hills Cemeteries,	82.22	
Burial Hill,	30.23	
Chiltonville, Manomet, Cedarville and South Pond Cemeteries,	42.10	
	<hr/>	
Total Balances,		\$10,314.94
		<hr/>
Total Excess (See Balance Sheet)		\$16,076.17

# SCHEDULE F.

## BALANCE SHEET, JANUARY 1, 1917.

### Revenue Accounts.

Herbert W. Bartlett, Col., tax of 1912*	\$28.80
Herbert W. Bartlett, Col., tax of 1915,	21,762.10
Herbert W. Bartlett, Col., tax of 1916,	52,020.72
Total uncollected taxes, N. Reeves Jackson, Col.— Water Rates of 1915,	\$176.90
Labor and Materials of 1915,	.50
Water Rates of 1916,	7,932.60
Labor and Materials of 1916,	115.70
Total uncollected Water Rates, etc., Commonwealth of Massachusetts— State Aid.	\$3,287.67
Soldiers' Burials,	50.00
Military Aid, one-half,	156.00
Total due from State, Overdrafts— Military Aid, one-half, Soldiers' Relief,	\$156.00 4,395.20
Total Overdrafts,	\$4,551.20
Repairs, Pilgrim Wharf, Cemeteries, Water Pipe, Cemeteries, Monuments,	1,000.00 60.66 206.41 62.15
Total Unexpended Balances,	\$1,399.27

Excess and Deficiency, Jan. 1, 1916, \$47,290.84  
 Appropriated Jan. 15th, \$868.00  
 Adjustment of State Aid, 19.64  
Total Deductions, \$887.64

Excess and Deficiency, 1916,  
 Balance, Jan. 1, 1917, \$46,403.20  
 Non-Revenue Cash used for  
 Revenue Purposes, 16,076.17  
\$62,479.37  
 12,049.03  
\$90,082.19

\*Tax of 1912. Personal Tax on which payment was refused. Suit has been entered, but not tried to date.

*Non-Revenue Accounts.*

Cash, \$48,135.36  
 Non-Revenue Cash used for Revenue purposes, 42,049.03

Fire Department, Motor Apparatus, \$16,816.54  
 Forest Warden's Department, Truck, 6.48  
 Health Department, Land for Dump, 200.00  
 Highway Construction, 1,724.92  
 Samoset Street, 3,153.16  
 Bartlett Road, 270.96  
 Beaver Dam Road, 587.86  
 Main Street Extension Alterations, 1,280.18  
 Warren Avenue, Damages, 370.00  
 Warren Avenue, Construction, 1,651.82  
 Sandwich Street, Damages, 7,356.50  
 Sandwich Street, Construction, 2,949.53  
 Water Street Extension, 627.51  
 Samoset Avenue, 84.86  
 Shore Property, Robbins Estate, 100.00  
 Anchorage Basin, 4.93  
 New School House and Furnishings, 153.57  
 Morton School Addition, 22,478.50  
 Old School at Ellisville, 100.00  
 Stephens Field Fences, 90.98  
 Addition to Manomet Cemetery, 176.09  
Total Appropriations,

\$60,184.39  
\$60,184.39

*Municipal Indebtedness.*

Funded Debt Balancing Account,	
	\$247,333.22
Engine House Loan,	\$7,000.00
Fire Dept., Motor Apparatus Loan,	13,000.00
Sewer Loans,	14,000.00
Warren Avenue Sewer Loan,	1,000.00
Main Street Extension Loan,	4,500.00
Highway Construction Loan,	18,000.00
Street Widening Loans,	22,000.00
New School House Loans,	100,900.00
Water Loans,	66,933.22
Total Loans,	<u>\$247,333.22</u>
	<u>\$247,333.22</u>

*Trust and Invested Funds.*

Cash and Investments,	
	\$42,349.07
Morton Park Fund,	\$2,000.00
Murdock Poor and School Fund,	730.00
Frances LeBarron Poor Fund,	1,350.00
Charles Holmes Poor Fund,	500.00
Marcia E. Jackson Gates Library Fund,	2,000.00
Warren Burial Hill Cemetery Fund,	1,214.51
Cemetery Perpetual Care Funds,	29,554.56
Old Colony National Bank Stock, Investment Fund,	5,000.00
Total Funds,	<u>\$42,349.07</u>
	<u>\$42,349.07</u>



## SCHEDULE G.

Summary of Funded Indebtedness January 1, 1917, and Amounts due  
for Principal and Interest in 1917.

LOANS.	Outstanding Jan. 1, 1916	Added during 1916	Paid during 1916	Outstanding Jan. 1, 1917	Principal due in 1917	Interest due in 1917
Fire Department,	\$10,000.00	\$13,000.00	\$3,000.00	\$20,000.00	\$3,600.00	\$748.00
Sewer,	17,000.00		2,000.00	15,000.00	2,000.00	543.75
Highway,	9,500.00	40,000.00	5,000.00	44,500.00	10,300.00	1,686.50
School,	63,700.00	46,000.00	8,800.00	100,900.00	14,300.00	3,733.75
Water,	77,799.88		10,866.66	66,933.22	8,866.66	2,484.50
	<u>\$177,999.88</u>	<u>\$99,000.00</u>	<u>\$29,666.66</u>	<u>\$247,333.22</u>	<u>\$39,066.66</u>	<u>\$9,196.50</u>

## SCHEDULE H.

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### ITEMIZED STATEMENT OF THE FUNDED INDEBTEDNESS,

JANUARY 1, 1917.

#### *Fire Department Loans.*

Four per cent. bonds, dated Sept. 1, 1905, payable \$1,000 annually,	\$7,000.00	
Four per cent. bonds, dated May 15, 1916, payable \$2,600 annually,	13,000.00	
	<hr/>	
Total Fire Department,		\$20,000.00

#### *Sewer Loans.*

Three and three-fourths per cent. notes, dated July 1, 1903, payable \$1,000 annually,	\$14,000.00	
Three and three-fourths per cent. bonds, dated November 1, 1911, payable \$1,000 annually,	1,000.00	
	<hr/>	
Total Sewer,		\$15,000.00

#### *Highway Loans.*

Four and one-half per cent. bonds, dated August 15, 1907, payable \$4,500 annually,	\$4,500.00	
Four per cent. bonds, dated May 15, 1916, payable \$1,150 annually,	11,500.00	
Four per cent. bonds, dated May 15, 1916, payable \$1,050 annually,	10,500.00	
Four per cent. bonds, dated July 1, 1916, payable \$3,600 annually,	18,000.00	
	<hr/>	
Total Highway,		\$44,500.00

*School Loans.*

Four per cent. notes, dated July 1, 1904, payable \$1,400 annually,	\$11,200.00
Three and one-half per cent. bonds, dated June 1, 1909, payable \$2,000 annually,	6,000.00
Three and one-half per cent. bonds, dated June 1, 1909, payable \$900 annually,	2,700.00
Four per cent. bonds, dated Oct. 1, 1913, payable \$1,000 annually,	7,000.00
Four per cent. bonds, dated June 1, 1914, payable \$3,500 annually,	28,000.00
Four per cent. bonds, dated July 1, 1916, payable \$5,500 in 1917, and \$4,500 annually thereafter,	46,000.00
Total School Loans,	<hr/> \$100,900.00

*Water Loans.*

Four per cent. bonds, dated August 1, 1890, payable \$1,300 annually,	\$1,300.00
Four per cent. notes, dated Aug. 1, 1894, payable \$800 annually,	2,400.00
Four per cent. notes, dated Oct. 2, 1899, payable \$1,500 annually,	4,500.00
Three and one-half per cent. notes, dated May 1, 1901, payable \$1,000 annually,	5,000.00
Three and three-fourths per cent. notes, dated July 1, 1903, payable \$666.66 annually,	11,333.22
Three and one-half per cent. bonds, dated Nov. 15, 1905, payable \$600 annually,	5,400.00
Four per cent. bonds, dated July 1, 1907, payable \$1,000 annually,	16,000.00
Four per cent. bonds, dated Feb. 15, 1908, payable \$1,000 annually,	16,000.00
Three and one-half per cent. bonds, dated June 1, 1909, payable \$1,000 annually,	5,000.00
Total Water,	<hr/> \$66,933.22
Total Funded Debt,	<hr/> \$247,333.22

## SCHEDULE I.

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### TRUST FUNDS.

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#### CEMETERY PERPETUAL CARE FUNDS.

*Deposited in the Plymouth Five Cents Savings Bank.*

Russell Tomlinson,	\$222 32
Betsey C. Bagnell,	242 23
Rebecca D. Ryder,	666 76
Lydia W. Chandler,	271 55
Curtis Howard,	617 96
Sarah F. Bagnell,	143 14
A. A. Whiting,	424 62
James Reed,	475 32
William H. Nelson,	650 24
Charles Holmes lot,	209 65
Louisa S. Jackson,	214 09
Judith S. Jackson,	491 53
John Donley,	104 42
David Drew,	102 71
Mary J. Brown,	50 34
Mary V. Lewis,	267 82
Priscilla L. Hedge,	226 92
Frederick Webber,	89 49
Nancie C. Wood,	1,129 12
Fannie Goodwin Bates,	413 82
Joshua Atwood,	109 58

Ichabod Shaw,	380 07
Edwin Morey,	631 01
Waldron and Dunham,	242 55
Timothy T. Eaton,	151 13
Heman Cobb,	228 00
Thomas Sampson,	214 28
Ephraim B. Holmes,	605 07
Lydia E. Jackson,	229 53
Jacob Jackson,	119 50
Charlotte R. Bearce,	221 57
Washburn Portion, lot No. 42,	170 22
Helena B. Rich,	115 43
Winslow B. Rickard,	110 56
John Eddy,	106 88
Helen Covington,	215 19
Freeman E. Wells,	169 49
Eliza J. Burt,	165 34
David L. Harlow,	106 02
Benjamin Swift,	102 03
Ellis Benson,	105 68
James Deacon,	117 18
Ellis and Freeman,	106 25
Ansel F. Fish,	104 70
Taylor and Foss,	106 94
Mary A. Minter,	132 29
Adelaide Reed,	106 00
Elizabeth M. Ward,	224 51
Edward W. Bradford,	166 52
Harvey lot No. 1365,	108 74
Ephraim Churchill,	25 91
Franklin B. Holmes,	111 13
Linus B. Thomas,	59 72
Ephraim S. Morton,	109 47
Merriam lot,	221 96
B. O. Strong,	77 23

John C. Cave,	103 91
Winslow B. Standish,	103 87
Calvin S. Damon,	177 40
Finney and Churchill,	112 04
Edward B. Hayden,	130 87
H. N. P. Hubbard,	103 45
Anderson lots,	157 76
Sylvanus Churchill,	56 52
Nancy L. Pratt,	58 56
Burgess P. Terry,	136 45
William and P. H. Williams,	106 62
Increase Robinson,	100 04
August H. Lucas,	158 20
Edward Morton,	100 04
Benjamin Pierce,	51 18
Alfred F. Arnold,	100 45
Nathaniel H. Morton,	102 36
Charles H. Holmes,	104 59
Daniel Hinchcliffe,	102 40
Samuel Nelson,	107 52
Nathaniel Russell,	226 58
Sumner Leonard,	107 48
Frederick Dittmar,	107 48
Emeline Landey,	106 48
John F. Hoyt,	129 91
Pope lot,	154 37
Neemiah Savery,	105 38
Thomas A. Folsgrove,	157 25
John C. Ross,	206 55
Archabold McLean,	51 12
George L. Lyon,	161 52
Phineas Pierce lot and Paty tomb,	216 72
Charles E. Barnes,	104 28
Burgess lot,	163 94
Ezra Harlow,	157 82



Mercy J. Howard,	104 12
Isaac M. Jackson,	1,023 61
Mary McDonald,	101 88
Mary J. Corey,	106 12
Ellis-Ryder,	105 08
Brewster-Bartlett,	315 24
Barnabus Hedge,	157 60
George M. Collins,	131 33
Alexander McLean,	105 08
Charles E. Dow,	105 08
Shaw and Thomas,	210 16
Atwood and Pratt,	210 16
Prentiss lot,	208 08
Alanson Thomas,	154 52
Albert Whiting,	102 00
Gamaliel Thomas,	101 00
Albert Bramhall,	101 00
Nancy B. Stevens,	100 00
Johnson-Hart,	100 00
Adeline D. Bartlett,	50 00
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Total Plymouth Five Cents Savings Bank,	\$21,214 90

*Deposited in Plymouth Savings Bank.*

Morton D. Andrews,	\$570 02
William H. Nelson,	656 62
Thomas B. Bartlett,	288 51
Rebecca F. Sampson,	201 82
Katherine E. Sever,	310 46
Mary F. Wood,	122 12
Cordelia Savery,	118 07
William Ross,	282 22
Putnam Kimball,	355 72
John Gooding,	428 20
Schyler Sampson,	244 53

R. B. Hall,	111 30
Fanny Sylvester,	124 05
E. A. Spooner,	111 23
George Hayward,	362 69
George S. Tolman,	119 26
Elizabeth S. Tinkham,	108 87
Danforth and Thurber,	225 77
William Bartlett,	347 92
Daniel H. Paulding,	241 26
John Morissey,	223 95
Oliver T. Wood,	111 24
Sarah V. Kendrick,	57 08
Sarah A. Waldron,	168 61
Phoebe P. Ellis,	28 09
George E. and Carrie M. Benson,	153 53
Emma F. Avery,	225 73
Isaac M. Jackson,	1,088 00
Abby B. Avery and Samuel Bartlett,	210 24
Dora Perritt,	108 55
Mary E. Moning,	108 99
Nathaniel Spooner,	125 00
Georgianna Hedge,	100 00
Elizabeth F. Stoddard,	200 00
Abbie D. Danforth,	100 00
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Total Plymouth Savings Bank,	\$8,339 66

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NATHANIEL MORTON PARK FUND.

Plymouth Savings Bank,	\$2,000 00
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MURDOCK POOR AND SCHOOL FUND.

Plymouth Savings Bank,	\$730 00
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FRANCES LEBARON POOR FUND.

Plymouth Savings Bank,	\$675 00	
Plymouth Five Cents Savings Bank,	675 00	
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Total,		\$1,350 00

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CHARLES HOLMES POOR FUND.

Plymouth Five Cents Savings Bank,	\$500 00
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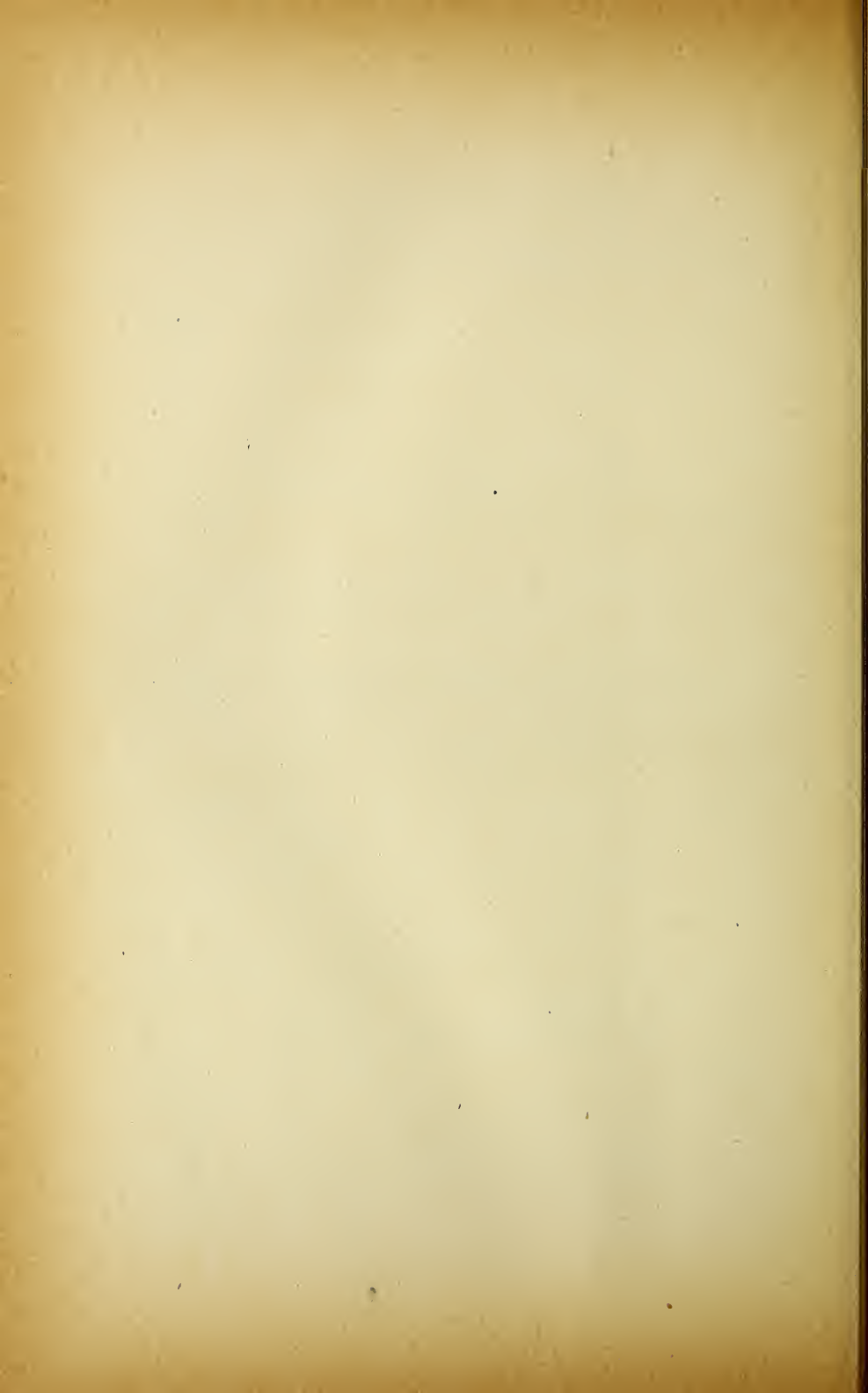
WARREN BURIAL HILL CEMETERY FUND.

Plymouth Savings Bank,	\$1,025 00	
Plymouth Five Cents Savings Bank,	189 51	
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Total,		\$1,214 51

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MARCIA E. JACKSON GATES LIBRARY FUND.

Plymouth Savings Bank,	\$1,000 00	
Plymouth Five Cents Savings Bank,	1,000 00	
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Total,		\$2,000 00



ANNUAL REPORT

OF THE

TOWN CLERK

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Births, Deaths and Marriages

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FOR THE YEAR

1916

## BIRTHS REGISTERED IN PLYMOUTH IN 1916.

Date	Name	Name of Parents	Father's Birthplace	Mother's Birthplace
Jan. 1	— Futardo	Manuel and Mary Monish	St. Michaels	St. Michaels
2	Helen Howard Harlow	Everett T. and Helen H. Whiting	Plymouth	Plymouth
3	— Lowe	Leon L. and Almira H. Churchill	Duxbury	Plymouth
6	Lawrence Celso Cavicchi	Henry V. and Clarice Leonardi	Plymouth	Italy
7	Robert Ambrose Malaguti	Ambrose and Olga Balrinieri	Italy	Italy
7	Francis Arthur Bibean	Arthur G. and Esilda Brouillard	Mechanicsville, Ct.	Washington, R. I.
7	Ralph Maurice Greenspoon	Alter and Brinie Zamichansky	Russia	Russia
7	Josephina Montali	Antonio and Anna Corsi	Italy	Italy
8	Marie Reine Lemaire	Alex and Reine Mathis	France	France
10	Gordon Livingston Neal	Rodney B. R. and Laura G. Larkin	Mattapoisett	Plymouth
10	Francis William Poirier	Arthur S. and Theresa A. Carpenter	Cape Breton, N. S.	Nova Scotia
10	Fannie Vachino	John Vachino and Josephine Merchelli	Italy	Buenos Aires, Arg.
13	Leopoldino Santos	Manuel and Maria Medeiros	Azores	Azores
13	Ralph Francis Goodwin	Frank J. and Hilda Martyla	Plymouth	Finland
13	Anna Scalabrini	Antonio and Basquina Montali	Italy	Italy
14	— Zanetti	Joe and Vigilia Giovannini	Italy	Italy
14	Peter Second Balboni	Joe and Rosie Govoni	Italy	Italy
15	Vincent Govoni	Caetano and Annie Bratti	Italy	Italy
17	Roy Nelson Goodwin	Roy E. and Florence M. Sears	Nova Scotia	Plymouth
20	— Chicorelli	Gioseppe and Virginia Moroni	Italy	Italy
21	Alsie Lily Lamborghini	Louis and Rose Nicol	Italy	Italy
23	Angelina Pacheco	William and Isabel Ledo	Western Islands	Western Islands
26	Lydia Bente	Fred and Wilhelmina Kyll	Russia	Russia
26	Charles Dwight Curtis	Charles H. and Lulu M. Adams	Conn.	Conn.
27	Kathleen Shott	George J. and Katharine Delahunt	Fall River	Fall River
27	Gina Maria Cappannari	John and Mary Sabatini	Italy	Italy
29	Marion Wilhelmina Weigel	Andrew and Lena Brodt	Germany	Germany
29	Olindo Francesco Borghesani	Ugo and Erminia Pedezani	Italy	Italy
30	Evelyn Jesse	Antone and Belma Jesse	St. Michaels	St. Michaels
31	Helene Ruth Emily Holmes	Herman F. and Anna F. Dean	Plymouth	Newark, N. J.
Feb. 1	Earl Bartlett	John F. and Selma S. Johnson	Plymouth	Elmira, N. Y.
5	Grace Levonia Delancey	George M. and Abby L. Proctor	Nova Scotia	Nova Scotia
6	— Bddy	Harold F. and Julia H. Wood	Plymouth	Plymouth
6	Saverina Zanmarchi	Eugeno and Adelina Vincenzi	Italy	Italy
8	Benjamin Miller Sherman	Hyman and Gertrude Hoffie	Russia	Russia
11	Monon Francis Sherman	Atton M. and Mabel Kelley	Plymouth	Troy, N. Y.
11	Hildegard Marie Derwig	George A. and Louise M. Gurljah	Plymouth	Saratoga Springs, N. Y.
12	Virginia Lincoln Wood	Clinton L. and Margaret McDonald	Schenectady, N. Y.	Plymouth



Feb.	12 Charles Tassinari	Daniel and Carrie Govoni	Italy	Italy
	13 Henry Andalmi	Glenczo and Evelyn Benzi	Italy	Italy
	13 Belmiro Alexander Marks	Constantino and Georgiana Sylva	Portugal	Western Islands
	14 Alfred Ledo	Mariano and Josephine Cabral	Western Islands	Germany
	16 Jeanette F. Towns	Benjamin W. and Margaret F. Hoag	Plymouth	
	17 Illegitimate			
	18 Frederick Earle Britton	Frederick H. and Constance E. Otley	New York	New York
	18 Elizabeth Ashton Britton	Frederick H. and Constance E. Otley	New York	New York
	18 Eva Borsari	Guiseppi and Eliza Camberini	Italy	Italy
	19 George Alexander Rogers	Frank C. and Mary E. Dodson	Fairhaven	Boston
	22 Frances Wilbur Hall	Herman W. Jr., and Laura F. Morton	Plymouth	Plymouth
	23 Kenneth Gibson Gray	William A. and Blanche E. Gibson	Plymouth	Nova Scotia
	23 Stillborn			
	26 Ashley Clifford Swift	Maynard B. and Ethel O. Wood	Plymouth	Fitchburg
	26 Gregorio Vorpi	Dominico and Lena Retucci	Italy	Italy
	29 Clarence Cooper Hall	Henry C. and Aurissa A. Cooper	Plymouth	Plymouth
Mar.	1 Beatrice Irving Nightingale	Irving W. and Ina E. Ramsdell	Plymouth	Whitman
	1 Blanche Elizabeth Nightingale	Irving W. and Ina E. Ramsdell	Plymouth	Whitman
	2 Laura Lamborghini	Angelo and Matilda Baroni	Italy	Italy
	5 Mary Mabbett	George E. and May D. Hill	North Adams	Plymouth
	6 Walter Paul Dries	Henry and Annie Rupprecht	Germany	Germany
	7 Romeo Giulio Scarzi	Louis and Clelia Sassoli	Italy	Italy
	7 Guilelta Roma Scarzi	Louis and Clelia Sassoli	Italy	Italy
	8 Hilda Belle Goodwin	Herbert J. and Zilpha E. Goodwin	Nova Scotia	Nova Scotia
	10 Mary Elizabeth Sheridan	John L. and Jane J. Kelly	Ireland	Ireland
	11 Mary Vezzari	Pietro and Emma Zaniboni	Cohasset	Wareham
	11 Antony Almada	Manuel and Mary Costa	Portugal	Portugal
	12 Irving Clinton Smith	Irving C. and Lillian M. Cotel	Orleans	Yarmouth
	12 Arturo Raggazini	Romeo and Eva Malaguti	Italy	Italy
	14 Yvette Anita Lamoureux	Amedee and Exemeria Lamothe	Canada	Canada
	18 Rose Shwon	Ellis and Stella Stein	Russia	Russia
	18 Delinda Roposo	Manuel B. and Mary Pacheco	Western Islands	Western Islands
	18 Frances Pease	Albert C. and Marion Bisbee	Cottage City	Spencer
	18 Gino Spinelli	Antonio and Maria Ghidoni	Italy	Italy
	22 _____ Silva	Antonio and Maria Sterut	Portugal	Portugal
	24 Carlo Guidiboni	Thomaso and Edviga Guidiboni	Italy	Italy
	25 Gordon Kenneth Armstrong	Robert and Christena C. McLean	Scotland	Nova Scotia
	25 Gerald Bartlett Mayo	Arthur G. and Helen Bartlett	Plymouth	Plymouth
	25 Bernard Joseph Corrow	Frederick A. and Edwilda F. LaBelle	Cambridge	Canada
	29 Belmira Cabral	Joe and Armarinda Souza	Azores	Azores

# BIRTHS—Continued.

Date	Name	Name of Parents	Father's Birthplace	Mother's Birthplace
2	Thomas Stephen Callahan	Daniel P. and Mary A. McLaughlin	Plymouth	Plymouth
4	Edith Rodrigues	Francisco and Maria B. Ruboa	Portugal	Portugal
4	Howard Butman Corey	Burt H. and Ethel J. Butman	Franklin, N. H.	Lowell
7	Paul Melvin Warrsman	Edward C. and Bernice L. Holmes	Baltimore, Md.	Plymouth
7	Helen Frances Kiernan	Francis J. and Elizabeth E. Keough	East Weymouth	Ireland
8	Francis Howard Parker	Levi G. and Blanche E. Ferrault	Canada	Montreal
9	Peter John Peterson	Peter J. and Annie A. Foley	Norway	Boston
10	Eleanor Bradford	Kenneth L. and Alice L. Gooding	Plymouth	Plymouth
13	James Patrick Boyle	John S. and Johannah M. Kelly	Ireland	Ireland
13	Francis Claude Brock	Henry F. and Delia Doherty	Ireland	Ireland
13	Celia Leandro	Antonio and Virginia Cabral	St. Michaels	St. Michaels
13	Eleanor Beatrice Reed	Fred S. and Helen C. Schneider	Brockton	Plymouth
14	Kenneth Milton Daly	William J. and Grace G. Baker	Plymouth	Plymouth
15	Margaret Elizabeth Simmons	George W. and Katherine Kelley	Chelsea	Ireland
15	Umberto Tuiano	Joseph and Filomina Destephano	Italy	Italy
18	Joseph Ruth Simone	Jack and Ruth Rose	Portugal	Portugal
19	Dorothy Lena Hurwitz	Abraham M. and Rebecca Farbstein	Russia	Russia
19	Mary Frances Danchy	James and Julia A. Lyons	Providence, R. I.	Quincy
20	Stillborn	Benjamin and Rose Greenspoon	Russia	Russia
22	Charles Sidney Dretler	William and Mary Grannemann	Boston	Germany
23	Marie Elizabeth Hurle	Lester and Mary Scagliarini	Italy	Italy
27	Rhoda Mary Alberghini	Augusto and Livia Bertoni	Italy	Italy
28	Laura Teresa Scagliarini	Joseph E. and Anna Seaver	Boston	Germany
29	Harold Joseph Ruprecht	Percy H. and Ina M. Pierce	Plymouth	Plymouth
29	Oscar Pierce Marsh	Louis and Mary Nai	Galveston, Texas	Italy
30	Anna Regni			
2	Mildred Frances Wareham	Fred and Delia A. Hall	Fall River	Plymouth
4	Louise Frances Rose	Charles H. and Marie A. Binstein	Plymouth	Germany
4	Anselmo Laurenti	Augustino and Victoria Fo	Italy	Italy
6	August Carvalho	Carlos and Marie DaGloria Costa	Portugal	Portugal
6	Francis Walter Lavache	Francis S. and Ellen L. Mongeau	Plymouth	Marbore
6	Adolph Nando Cavicchi	Celso and Augusta Tavernelli	Italy	Italy
8	Ilda Tavares	Manuel C. and Maria Pacheco	Portugal	Portugal
8	Carleton Warren Kendrick	Chester W. and Rose A. Barriault	Plymouth	Fall River
8	Avis Lillian Carol Proctor	Thomas A. and Lillian F. Howes	Medford	Chatham
10	Lina Balboni	Joseph and Argia Faroli	Italy	Italy
11	Stillborn			

May	13	Norman Alba Tripp	Loring and Abbie E. Stubbs	New Bedford	Fairhaven
	14	Manuel Tavares	William M. and Emma Schneider	Nova Scotia	Plymouth
	16	Joseph Nicoli	Harry and Jessie Ferrara	Portugal	Portugal
	18	Walter Osborn Davis	John and Matilda Stephani	Italy	Italy
	18	Lillian May Martin	Henry O. and Julia Allen	Plymouth	Plymouth
	19	Bertha Frances Sampson	William L. and Rose Savard	Maine	Canada
	19	Dorothy May Baker	Thomas M. and Clara G. Nickerson	Plymouth	Orleans
	19	John Giammarco	Herbert A. and Annie A. Daly	Warren, R. I.	Charlestown
	20	Harry Robert Broughton	John and Teresa Diadato	Italy	Italy
	20	Lois Franklin Cunningham	Arthur C. and Fannie F. Foster	England	Philadelphia, Pa.
	21	Mary Lena Rocaletti	Edwin H. and Gertrude L. Weston	Sagamore	Plymouth
	24	Guilelma Grace Pease	Angelo and Ersilia Balse	Italy	Italy
	25	Mario Aceri	Nelson E. and Julia E. Rich	Canada	Rhode Island
	27	Mary Bergonzini	Joseph and Carolina Nicoli	Italy	Italy
	27	Babine Perry	Peter and Adriana Cristofori	Italy	Italy
	29	Richard George Keller	Mannel and Charlotte Sivilla	Western Islands	Western Islands
	29	Albertina Vincente	George and Helen Alsheimer	Germany	Germany
	30	Frances Rose Wirzburger	Jesse and Maria Stella	Western Islands	Western Islands
	31	Mary Helena Riley	Henry and Agnes Voght	Germany	Germany
	31	Cordeline Cardoza	Michael J. and Helen Fetherston	Ireland	Ireland
			Thomas and Mary Cardoza	Cape Verde Islands	Cape Verde Islands
June	1	Alice Ruth Childs	Prentiss B. and Emily M. Fisher	Waltham	Wellesley
	2	George Robert Riddell	George T. and Edith Horsman	Canada	England
	2	Earl John Ball	Earl J. and Marie W. Carr	Penn.	Plymouth
	4	Guiseppina Bastoni	Guiseppi and Maria Galozzi	Italy	Italy
	4	Frank Tavares	John and Teresa Simons	Portugal	Portugal
	11	Florence Geroni	Fred and Degea Gullerani	Italy	Italy
	12	William Anderson McPhail	Arthur K. and Christina Anderson	Italy	Plymouth
	13	Mary Ellen Terrance	Chester A. and Mary A. Craig	P. E. Island	Ireland
	13	Glady Gertrude Lewis	Manuel and Flora Rogers	Plymouth	Plymouth
	15	Emma Frances Alsheimer	Albert P. and Elaine F. Wall	Azores	Boston
	17	Joseph Franklin Kespert	Charles W. and Elizabeth Dee	Germany	Plymouth
	19	Illegitimate		Brooklyn, N. Y.	Rockville, Conn.
	19	Tony Spalluzzi	Frank and Antonia Zita	Italy	Italy
	21	James Henry Nixon	James H. and Edith N. Dorr	Ireland	Sandwich, N. H.
	21	Guiseppina Emilia Montanari	Arthur and Alfonsa Alberti	Italy	Italy
	22	Margaret Elizabeth Whiting	Edwin H. and Jeanne Deans	Plymouth	Ireland
	23	Isabelle Maria Bryant	Helen and Lucy A. Washburn	Plymouth	Plymouth
	23	Ruth Emily Asford	William C. and Helen M. Grant	England	Boston
	25	Teresa Mary Jovi	John H. and Mary Vaccino	Italy	Italy
	26	Everett Ledlie Hale	Elmer L. and Anne M. Cleod	P. E. Island	P. E. Island
	28	Fredrick Armando Cavicchi	Armando F. and Benilda Ferrari	Maine	Italy

# *BIRTHS—Continued.*

Date	Name	Name of Parents	Father's Birthplace	Mother's Birthplace
July	4 Stillborn	Lawrence M. and Grace A. Foster	Halifax, N. S.	Conn.
6	Doris Althea Proctor	John and Antonia Almada	Western Islands	Western Islands
6	William Cabral	John and Maria A. Furtado	Western Islands	Nova Scotia
7	Ernestina Bernard	William E. and Anna Nickerson	Harwich	
8	Dorothy E. Chase			
8	Stillborn	James and Angie Holmes	Plymouth	Plymouth
9	John Howard Anderson	Chauncy R. and Caroline M. Holmes	Kingston	Kingston
10	Homer Lincoln Stranger	Caesar and Ermelinda Alberghini	Italy	Italy
12	Doris Ardizoni	James H. and Mary T. Raymond	Providence, R. I.	Plymouth
14	Frances Hart	Alphonse S. and Georgianna C. Huile	Ware	Charlestown
16	Marie Louise Parenteau	Walter J. and Alice A. Jennings	Plymouth	Plymouth
16	Laverna Alice Hall	Antonio and Ines Souza	Western Islands	Western Islands
17	John Pimental	George A. and Georgie E. Nelson	Fall River	Nova Scotia
18	Emma Mary Paul	Angelo and Agata Beccari	Italy	Italy
20	Agnes Cocchi	Walter F. and Regina M. Karle	Plymouth	Plymouth
25	Melvin Francis Gould	Clarence D. and Helen Clark	Plymouth	Plymouth
29	William Clark Bradford	Loomis R. and Lillian M. Holmes	Dexter, Maine	Plymouth
31	Barbara Grant			
Aug.	1 Hortensa Ferriera	Manuel J. and Mary Perry	St. Michaels	St. Michaels
1	Stillborn	Henry and Dora Hufnagel	Germany	Germany
1	Henry Schira	Manuel and Maria Gloria	Western Islands	Western Islands
2	Manuel Santos	Antonio and Lena Biancolini	Italy	Italy
4	Spartaco Lenci	Walter F. and Martha M. Peterson	Plymouth	South Boston
4	Walter Francis Hall	Phillip and Elizabeth Bergdoll	Plymouth	Germany
7	Mildred Elizabeth Reigel	Anthony and Veronica Panales	Russia	Russia
10	— Patochi	William N. and Mabel R. Guy	Plympton	Rhode Island
10	Harold Guy Clark	Antonio and Clementina Govoni	Italy	Italy
10	Doris Annie Pretoni	Paolo and Cupani Cologgero	Italy	Italy
11	Guiseppi Provinzano	Gordon T. and Mary C. Girmett	Washington, D. C.	Pittsfield
12	John Bachus	Charles H. and Dora E. Valler	Plymouth	Plymouth
13	Helen Althea Burgess	Massimo and Margherita Daneri	Italy	Italy
14	Mario Bruno Enagonio			
14	Illegitimate	Roscoe C. and Annie M. York	Calais, Vt.	Biddeford, Maine
17	Wilford Holton Rickard	Zifferino and Augusta Serra	Italy	Italy
17	Mario Federico Alberghini	Jacob A. and Emily M. Campbell	Plymouth	Plymouth
17	Eugene Wilbur Rudolph	Lucca and Franca Fraccalossi	Italy	Italy
18	Amando Zacchilli	Manuel and Mary Rodrigues	Azores	Azores
20	Margaret Medara			



Aug.	20 Robert James Martin	James and Alice E. Andrews	Ireland	Plymouth	Plymouth	Plymouth	Maine
	21 Ralph Freeman Paulding	Ralph F. and Atherine W. Tibbette	Russia	Russia	Russia	Williamantic,	
	22 Nancy Bella Kabscky	Frank and Ida Snyder	Warham	Warham	Brookline	N. H.	
	23 Charles Walton Morse	Charles W. and Lillian Mason	England	England	South Boston		
	24 Gertrude Mary Young	Percy S. and Grace W. Cook	P. E. Island	P. E. Island	Brookton		
	25 Shirley Elmore Fisher	Leonard S. and Maude E. Cook	Easton	Easton	Taunton		
	26 Kenneth Theodore Shaw	Charles H. and Nettie W. Bryant	Plymouth	Plymouth	Portugal		
	27 Joseph Chandler Shaw	Joseph Henry and Myrtis L. Hall	Azores	Azores	Plymouth		
	28 Emilia C. Francisco	Antonio and Belinda Carreira	Newton	Newton	Plymouth	Nova Scotia	
	29 Alvin Richard Tavares	Antonio and Louise M. Lawrence	Plymouth	Plymouth	Russia		
	30 Bernard Briand Wood	Fred S. and Mabel M. Briand	Russia	Russia	Azores		
	31 Lester Wendell Nickerson	Royal H. and Bertha E. Nickerson					
	32 Helene Susanna Weiss	Lawrence and Pauline Flugrat					
	33 Belmeda Dias	Vesterino and Francisca Lawrence					
	34 John D. Carr	John D. and May					
Sept.	1 Robert Webster Glass	Harold W. and Lydia F. Sampson	Duxbury	Duxbury	Plymouth		
	2 Thomas Francis Donlevy	Frank H. and Elsie Carlisle	Broadbrook,	Broadbrook,	Milwaukee, Wis.		
	3 Meta Bertha Schortman	Walter A. and Eleanor A. Klotz	Azores	Azores	Portugal		
	4 Gilbert Silva	Manuel and Mary Enos	Portugal	Portugal	Dorchester		
	5 Sabino Joaquin Milhomos	Edward T. and Alice Cobb	Plymouth	Plymouth	Plymouth		
	6 Elizabeth McCarthy	Edward J. and Mary E. Faunce	Italy	Italy	Halifax		
	7 Thomas Francis Green	William and Ernesta Collini	South Yarmouth	South Yarmouth	Richmond, R. I.		
	8 Enor Dallasta	William H. and Maud D. Haywood	Russia	Russia	Western Islands		
	9 Betty Clifton Brown	Paul and Mary L. Boucher	Portugal	Portugal	Western Islands		
	11 Arthur Adelard Lemoine	Bernard and Bessie Feldman	Western Islands	Western Islands	Taunton		
	12 Lillian Slusky	Tlidio J. and Phoebe Pitchitt	Taunton	Taunton	Italy	Ohio	
	13 Edward Anthony	Manuel and Frances Pimental	Italy	Italy	Italy		
	14 Dorothy Pimental	Ernest and Laura Souza	Cape Verde Islands	Cape Verde Islands	Italy		
	15 Milton Henry Bennett	Charles S. and Maira A. French	St. Michaels	St. Michaels	Italy		
	16 Barbara Caroline Zahn	Charles and Mary A. Hessler	Italy	Italy	Italy		
	17 Angelina Rosie Tavernelli	Adolph and Angelina M. Borghesani	Fall River	Fall River	Quebec		
	19 Julio Caetano Mends Teixeira	Julio M. and Margaret Robinson	Plymouth	Plymouth	St. Michaels		
	20 Iolanda Accolla	Sebastian and Carmela Cavaleri	St. Michaels	St. Michaels	Plymouth		
	21 Elsie Sousa	Antonio and Isabella Rezendes	St. Michaels	St. Michaels	England		
	22 Elton Sebastian Cavicchi	Ernesto and Adela Soffriti	St. Michaels	St. Michaels	Azores		
	23 Joseph Henry Rohidoux	Joseph H. and Florence Gagnier	St. Michaels	St. Michaels	Fitchburg		
	24 Richard John Kaiser	John D. and Annie E. Christie	St. Michaels	St. Michaels			
	25 Antonio Futardo	Antonio and Maria Do Carmo	St. Michaels	St. Michaels			
	26 Antone Francis Sylva	Antone and Rose Brenner	St. Michaels	St. Michaels			
	27 Ruth Catherine Doyle	James and Martha A. McDermott	St. Michaels	St. Michaels			
	28 William Brown	John T. and Rosa M. Silva	St. Michaels	St. Michaels			
	29 John Brown	John T. and Rosa M. Silva	St. Michaels	St. Michaels			

# *BIRTHS—Continued.*

Date	Name	Name of Parents	Father's Birthplace	Mother's Birthplace
Oct.	1 Elsie Rezzents	Manuel and Mary Ernestine	Portugal	Portugal
	3 Katherine Ghent	John J. and Amy Lee	Middletown, Conn.	England
	5 Madeline Louise Holmes	Ralph B. and Clara Patterson	Plymouth	Baltimore, Md.
	7 Hazel Elizabeth Wood	Leslie W. and Annie L. Flavell	Middleboro	Pembroke
	8 Eleanor Gertrude Ryan	Thomas F. and Gertrude A. Penniman	Danvers	Taunton
	8 Alice A. Pinto	Joaquin and Marie Assesions	Portugal	Portugal
	9 Migalena Ronani	Dominick and Lena A. Cavicchi	Italy	Plymouth
	9 Willard Russell Cook	Willard R. and Florence E. Chase	Duxbury	West Brewster
	9 Mary Rosa	John and Mary Lucia	Portugal	Portugal
	10 Diolinda Maria Pedro	Jose and Maria Carlotta	Portugal	Portugal
	11 Dorothy Perkins	Edward A. and Rachael C. Hayes	Portugal	Portugal
	11 Melvin Albert Lacey	Fred A. and Ruth W. Burnham	Manhoro	Providence, R. I.
	12 Columbo Paulo Pedrini	Edrido and Teresa Bongiovanni	Hanover, Conn.	Montpelier, Vt.
	13 Dorothy Irene Marshall	John S. and Annie E. Thomas	Italy	Italy
	16 Annetto Francis Robbins	Manley T. and Annie Pease	Azores	Wareham
	18 Robert William Wallenberg	Oscar R. F. and Annie M. Olson	Boston	Middleboro
	18 Stillborn		Sweden	Sweden
	23 Rita Sadie Cash	Henry T. and Elizabeth M. Ruprecht	Plymouth	Germany
	23 Lucia Valinzano	Vincenzo and Carmela Mazzilli	Italy	Italy
	30 Ines Paola Madalena Squeri	Antonio and Emiglia S. Conti	Italy	Italy
	30 John Souza	John and Annie Montada	Western Islands	Western Islands
Nov.	1 Henry Louis Cappella	Felice P. and Arcangela Leonette	Italy	Italy
	4 Henry Pelino	William and Vinzina Di Salvadori	Italy	Italy
	6 Wilhelmina Bumpus Leach	William H. and Ida Bumpus	Plymouth	Duxbury
	6 John Archibald Ellis	Archie R. and Mary B. McDonald	Bridgewater	Cape Breton
	6 Gertrude Harriet Sears	Herbert E. and Gertrude V. Randall	Plymouth	Pawtucket, R. I.
	11 Lidia Vernazzaro	John and Cesira Lombardi	Italy	Italy
	11 Milton Louis Berg	William J. and Annie H. Bass	Russia	Austria
	16 Arthur Curtis Finney	Curtis H. and Margaret Flaherty	Plymouth	Ireland
	16 Antonio Govoni	Louis and Mary Filomena	Italy	Italy
	17 Elma Elva Guidetti	Robert and Louisa Ardizzoni	Italy	Italy
	17 Lucille Mae Sherman	Frank L. and Marion L. Leonard	Middleboro	Plymouth
	17 Jane Frances Perry	William F. C. and Helen M. Long	Monument	Jonesport, Maine
	21 Nellie May Pierce	Albert F. and Lexina McAuley	Plymouth	Cape Breton
	25 James Warren ReCardose	Manuel and Antonia Gaspee	St. Michaels	St. Michaels
	25 Cora Ottani	Silvio and Annie Balboni	Italy	Brazil
	26 Stillborn			
	27 Vincenza Ruggiero	Vincenzo and Lucia DiTrani	Italy	Italy



Nov.	28 James Edward Pratt	William M. and Mary Walsh	Plymouth	Boston
	28 Ernas Manzotti	Carlo and Mary Malaguti	Italy	Italy
	29 Allen Burt Wood	George A. and Edith L. Burt	Plymouth	Plymouth
	30 Ruth Gardner	Clyfton H. and Beulah G. Haskins	Plymouth	Plymouth
Dec.	1 Joseph Fratus	Joseph and Mary Frezents	Portugal	Portugal
	3 Mary Rosetti	Dominic and Lisabra Minntella	Italy	Italy
	3 Josephine Breviglieri	Ernesto and Cesira Lodi	Italy	Italy
	5 Clara Gattoli	Bartholomew and Elizabeth Lepri	Italy	Italy
	7 Kennedy Ralph Shiwels	Ralph and Lena B. Newbert	Thomasston, Me.	Appleton, Maine
	8 Mary Francis DeCost	Norman J. and Rose L. Poirier	Nova Scotia	North Cambridge
	11 Carmela Ingenito	Gaetano and Maria Musco	Italy	Italy
	14 Thelma Ellen Metz	John and Ellen J. Wilson	Plymouth	Middleboro
	16 Stillborn	Augusto and Adeline Paoli	Italy	Italy
	16 Caroline Govoni	Wilson and Edith E. Haigh	England	England
	18 George Farnell	Harry R. and Jessie E. Kmetz	England	Burlington, Vt.
	20 Eleanor Kmetz	Ernest A. and Ellen A. Sullivan	Fall River	Avon
	22 Francis Roland Viau	Gottardo and Mary Cavicchi	Italy	Plymouth
	23 Leonida Celso Leonardi	Amedeo and Lina DiCarli	Italy	Italy
	24 Mary Isolina Ceccarelli	Tony and Lucy Squidi	Italy	Italy
	24 Sundry Mann	John and Ada M. Stringer	Plymouth	Carver
	24 Joseph Francis Schneider	James H. and Frances E. Sampson	Troy, N. Y.	West Harwich
	25 James Henry Devitt	John A. and Elizabeth Walsh	Cape Breton	Ansonia, Conn.
	26 _____ McDonald	Augusto and Gertrude Sassi	Italy	Italy
	28 Dorothy Gertrude Testoni	Charles H. and Ellen E. Boyle	Somerville	East Boston
	29 _____ Fraser	Leslie B. and Erma F. Pratt	Plymouth	Auburn, N. Y.
	30 Phyllis Cooper Smith			

## DEATHS REGISTERED IN PLYMOUTH IN 1916

Date.	Name.	Age		Cause of Death	Name of Parents
		Y	M D		
Jan.	3 Alexander Madina	25	—	Phthisis pulmonalis	Lorencia Madina and Valentino Freitas
	4 Ruth E. Myra	22	—	Scarlet fever	George Myra and Lolia Beggs
	4 Ella F. Collier	34	9	Pneumonia	Thomas Povers and Mahoney
	5 — Lowe	20	9	Prenatal birth	Leon L. Lowe and Almira H. Churchill
	5 Ellis Sampson Pierce	70	3	Cerebral hemorrhage	Benjamin Pierce and Lydia Chandler
	7 Elizabeth H. Lewis	88	1	Cerebral hemorrhage	Brown and Eliza Shepard
	8 Emory C. Hathaway (died in Brain-tree)	62	3	Pneumonia	George A. Hathaway and Eliza F. Nelson
	12 Lucy Ann Besse	69	9	Chronic Brights disease	Elipha Sherman and Lucy A. Washburn
	12 Sarah M. Mellen	68	10	Influenza. Arterio sclerosis	Solomon D. Fay and Aclisah Parker
	12 Evelyn W. Benson (died in Wal-tham)	10	1	Pneumonia	Harry C. Benson and Catharine Pelton
	12 Caroline E. Raymond (died in Brockton)	83	3	Nephritis. Old age	Owen O'Neil and Mary McKay
	13 James B. O'Neil	30	7	Tubercular meningitis	Antonio Scabroni and Pasqualina Montali
	14 Anna Scabroni	—	1	Premature birth	Lemuel Leach and Lucy Finney
	17 Lemuel Leach (died in Brockton)	78	6	Arterio sclerosis	Manuel Carreiro and Mary Furtado
	17 Anna Carreiro	1	11	Broncho pneumonia	Abner H. Harlow and Jane Randall
	18 Helen L. Thomas (died in Kansas City)	64	9	Fibroid tumor of uterus	Alvin S. Hallett and Lydia Hallett
	20 Alvin Swift Hallett	63	—	Sarcoma of right thigh	Edward J. Mullaney and Emma Westgate
	21 Bernard Boyce Mullaney	2	2	Measles	Ernest Canucchi and Edith Cavacci
	22 Joseph H. Canucchi	1	3	Broncho pneumonia. Measles	Radclyffe Sutcliffe and Sarah Hall
	25 Sarah E. Harding (died in Salem, N. H.)	58	5	Arterio sclerosis	Joseph Dube and Ida Corrow
	27 Arthur Dube	10	8	Bullet wound of small intestine	George W. Nelson and Abigail N. Barrows
	27 George W. Nelson	66	3	Pulmonary tuberculosis	Prince Snow and Caroline Foster
	27 Dennis F. Snow (died in Boston)	83	9	Mastoiditis	Prevised Westgate and Niboi Braley
	28 Susan M. Raymond	61	1	Broncho pneumonia	John Andrews and Mary Motte
	29 George A. Kinnear	59	—	Chronic nephritis	Noah Prince and Olive Faunce
	30 Lydia Andrews	1	6	Tubercular meningitis	Richard W. Stearns and
	31 Lydia Tilden Hayward	77	4	Perforated ulcer of the sigmoid flexure	
	31 Harriet E. Loring	79	9	Bronchial pneumonia	
Feb.	1 Lucy Suintoni	1	11	Acute gastro enteritis	Pasquale Suintoni and Casira Ferrari
	1 Caroline F. Hayden	81	4	Natural causes	William Barnes and Phoebe I. Dixon
	1 August Martin	—	10	Acute bronchitis	Antonio Martin and Julia Thomas
	3 Mary E. Foley	70	4	Pneumonia. La Grippe	Cornelius Boyle and Ann Dunn

Feb.	3	Maria E. Harlow	72	9	15	Arterio sclerosis.	Nephritis	Sylvanus Harvey and Eliza Vaughan
	3	Juliana Shaw	72	8	26	Chronic rheumatism		
	3	Romeo Carletti	46	7	22	Lobar pneumonia		William W. Baker and Betsey Rogers
	4	Earl Bartlett	—	—	14	Congenital malformation of heart		Vincenzo Carletti and Anna Carletti
	4	Mary E. Deane	46	—	15	Mitral regurgitation and stenosis		John F. Bartlett and Selma S. Johnson
	4	Michael McGarry	85	—	15	Influenza. Bronchitis		Patrick Delaney and Elizabeth Houlihan
	5	Caroline L. Abbott	78	5	25	Carcinoma of forcarum		Bernard McGarry and Ellen —
	6	Edy	80	min.	—	Premature birth		George Burgess and —
	8	Grace L. Delaney	—	—	8	Haemophilia		Maxim
	9	Spencer Burgess	81	9	8	Valvular heart disease		Harold F. Eddy and Julia H. Wood
	9	Mary Souza	9	5	8	Arterio sclerosis		George M. Delaney and Amy L. Proctor
	11	Henry C. Howland	47	2	12	Typhoid fever		Spencer Burgess and Welby Glass
	11	Henry W. Bassett	80	—	12	Broncho pneumonia		Joseph Souza and Irene Cadose
	13	Charles Henry Morey	78	5	25	Old age. Gangrene of finger		Stephen Bassett and —
	15	Zephiah S. Buckner	88	3	9	Heart disease		Ichabod Morey and Mary Churchill
	16	George Finney	88	8	19	Old age		George Lanter and Sarah —
	16	Seth F. Stranger	88	10	9	Influenza		George Finney and Mary Clark
	16	Edward Fraher (died in Boston)	62	—	—	Valvular heart disease		— and —
	17	George Nelson Thomas (died in Penn- broke)	62	—	—	Arterio sclerosis		Edward Fraher and Catherine Roach
	18	Mary Anne Manning	66	2	3	Cancer of stomach		George N. Thomas and Deborah B. Rogers
	20	Maria Louise Turner	70	11	26	La Grippe. Pneumonia		— and —
	21	James E. Rogan	53	4	9	Paralysis of bowels		David Seavey and —
	23	Lucy A. Atwood	81	—	20	General spinal paralysis		Thomas Rogan and Anne Fedegan
	25	Hannah Jordan (died in Clifton- dale)	50	1	25	Heart disease. Over exertion		— and —
	26	Alice Hatfield	63	1	12	Stillborn		Richard Pope and Eunice Churchill
	27	Charles F. M. Courtney	55	8	16	Chronic hypertrophy and dilatation of heart		Stephen C. Nickerson and Martha A. Nickerson
	27	Joseph Valenziano	4	1	5	Heart disease. Over exertion		Thomas Grady and Susan Giddis
	28	Marjorie Wood	—	9	2	Septic gall bladder		John G. Courtney and Eliza Valler
	29	William Souza	—	6	11	Lobar pneumonia		Vincenzo Valenziano and Carmela Maz- zilli
			—	6	11	Laryngeal diphtheria		Leon Wood and Sarah Knight
			—	6	11	Acute congestion of lungs		Joseph Souza and Mary Thomas
			—	6	11	Acute bronchitis		—
Mar.	1	James Cassidy	57	9	2	Cancer of rectum		James Cassidy and Jane Hill
	3	Christopher Hughes Nolan	40	6	18	Lobar pneumonia		Henry Nolan and Sarah Harris
	4	Tony Spalluzzi	—	6	28	Bronchial pneumonia.		Frank Spalluzzi and Antonetta Fitoli
	7	George Weatherbee	5	hours	Open foramen ovale	Measles		George Weatherbee and Rosabelle Jen- nings
	8	Alice May Matthews (died in Brock- ton)	1	10	23	Pulmonary oedema,		Lester Matthews and Violet Lauzon

# DEATHS—Continued.

Date.	Name.	Age			Cause of Death	Name of Parents
		Y	M	D		
Mar.	11 Philip Edward Bittinger	15	4	19	Diabetes. Coma	Frederick W. Bittinger and Lillian Ayer
	11 Oliver Setter	35	—	—	Meningitis	— and —
	12 Roy Nelson Goodwin	—	1	25	Bronchitis	Roy E. Goodwin and Maude F. Sears
	12 Susan McCarthy (died in Boston)	88	—	—	Cerebral hemorrhage	Connors and Susan Martin
	18 Edward Neves	—	5	22	Acute nephritis. Uræmia	Sullivan Neves and Bernadina Tavares
	18 Essie J. Howland	43	11	5	Carbuncle of breast	Alexander Bartlett and Esther S. Savery
	18 —	—	—	—	Stillborn	— and —
	18 Hamnah Turner Barnes (died in Malden)	76	—	24	Chronic heart disease	Joshua Chadwick and Elizabeth Fish
	21 Helen Morton (died in Boston)	81	5	24	Cerebral hemorrhage	Edwin Morton and Betsey T. Harlow
	23 Jane Elizabeth Cowles	74	10	20	Chronic myocarditis	George Cowles and Mary Bradley
Apr.	24 Gustavus Bergstrom	29	3	—	Typhoid fever. Heart weakness	Charles J. Bergstrom and Amelia Carlquist
	28 Paul Sauer (died in Kingston)	22	4	19	Phthisis pulmonalis	Christian Sauer and Fredaricka Stillr
	28 Cordelia F. Souther (died in Brookline)	81	1	2	Chronic myocarditis	Thomas May and Cordelia Howard
	31 Isabelle Bartle Horan	72	4	20	Angina pectoris	William O'Neill and Elizabeth Bartle
	31 Henry Perino	1	3	4	Paralysis agitans Heart complications Bronchial pneumonia	William Perino and Vicinzina DiSalvatori
	2 Jennie Ferri	—	8	10	Bronchitis	Celso Ferri and Arnelinda Stefani
	3 Mary E. Frazier (died in Kingston)	70	11	1	Cancer	Murdock Momberquist and Edis Potte
	3 Henry W. Bartlett	46	4	4	Heart disease	Hosea C. Bartlett and Sarah F. Drew
	6 —	—	—	—	Stillborn	— and —
	6 Rebecca Makepeace	61	3	21	Cerebral hemorrhage	William Packard and Betsey Oliver
Apr.	6 Annie Larson (died in Monson)	52	—	17	Chronic myocarditis	Lars Anderson and —
	7 Annie J. Mentzel (died in Taunton)	46	—	—	Acute enteritis	— and —
	10 Margaret M. T. Sears	73	—	—	Senile gangrene	Dennis Crowley and Mary Cushing
	11 Richard Combine	63	—	—	Gunshot wound in brain	Patrick Kenney and —
	12 Julio Melaro	23	—	—	Tubercular meningitis	William Combine and Mary Stinepassel
	13 Fanny Wilkins Simmons (died in Boston)	82	4	16	General carcinoma	Amilio Melaro and Racelli Janiri
	14 Priscilla S. Hedge	92	2	2	Bronchitis. Old age	George Simmons and Fanny F. Wilkins
	15 Isaac Morton (died in Hartford, Ct.)	80	11	—	Endocarditis	Reuben Sherman and Priscilla Hammond
	16 Joseph Braunecker	71	—	22	Cerebral hemorrhage	Isaac Morton and Betsey Everson
	18 Mary Vaccari	—	1	7	Premature birth	Peter Vaccari and Emma Zaniboni



John A. Twitchell and Lucy W. Miles  
 Ephraim Morton and Sally A. Maynard  
 Samuel Bartlett and Olive Bartlett  
 Stephen Westgate and Lucy Westgate  
 \_\_\_\_\_ and \_\_\_\_\_  
 Benjamin Towns and Madeline Hoag  
 Isaiah Picard and Charlotte Forest  
 James W. Stillman and Elizabeth Churchill  
 William Perry and Abigail T. Chandler  
 Charles Rice and Lucy B. Morse  
 Truman Bartlett and Mercy Jennings

John Q. A. Harlow and Melissa Morrison  
 Warren S. Macomber and Jeanette Weston  
 Henry Paulding and Emeline \_\_\_\_\_  
 \_\_\_\_\_ and \_\_\_\_\_  
 Edward W. Bradford and Mary Dillard  
 Herbert M. Bourne and Angie Howland  
 \_\_\_\_\_ and \_\_\_\_\_  
 Harry Tavis and Jessianda Galant  
 Charles H. Burgess and Dora E. Valler  
 Schuyler Sampson and Mary A. Bartlett  
 William L. Martin and Rose Savard  
 Benjamin F. Doten and Maria Ford  
 Ezra Kenney and Mary Nutter  
 \_\_\_\_\_ and \_\_\_\_\_  
 Frederick Brinkman and Charlotte Siebling  
 Edmund B. Fowler and Hannah Clapp  
 Roland Bumpus and Lucy Pierce  
 Manuel Maderos and Mary Costa  
 Thomas Dalton and Elizabeth Burns  
 Celso Fortini and Brigidi Ghisellini

19 Mary Augusta Bramhall (died in Providence, R. I.) 72 3 25 Arterio sclerosis  
 19 Sarah Howland Hadaway (died in Brockton) 81 10 10 Arterio sclerosis  
 19 Francis Bartlett 71 8 2 Bronchial pneumonia. Old age  
 20 Lucy Churchill 74 2 20 Atropexia  
 \_\_\_\_\_ 2 7 Septicæmia  
 \_\_\_\_\_ 2 7 Endocarditis  
 20 Jeanette F. Towns 57 — — — — —  
 23 Philomene Ryan (died in Brockton) 74 9 26 Athemientions  
 24 Belinda Barry Clements (died in Wareham) 74 3 23 Uraemia. Interstitial nephritis  
 \_\_\_\_\_ 70 — — — — — Chronic bronchitis  
 25 Augusta Frances Towns 65 3 23 Enteritis  
 27 Henry M. Rice 70 — — — — —  
 30 Caroline Bartlett (died in Georgetown) 85 8 28 Senile pneumonia

May 2 Gertrude Greenwood (died in Hyannis) 38 — — — — — Surgical shock for cancer  
 4 Annie W. Whiting (died in Boston) 64 6 20 Fatty degeneration of myocardium  
 8 Ann Maria Harlow 62 1 10 Pulmonary hemorrhage  
 \_\_\_\_\_ — — — — — Stillborn  
 13 Edward Winslow Bradford (died in Boston) 65 6 — — — — — Duodenal ulcer  
 13 Percy Howland Bourne 18 4 13 Brain injury. Fall from horse  
 15 Joe Lynn 39 — — — — — Broken neck. Fracture of skull  
 15 Manuel Tavis — — — — — Hereditary syphilas  
 16 Charles Albert Burgess 1 8 6 Convulsions  
 18 Hannah Bartlett White (died in Bridgewater) 81 4 — — — — — Cerebral hemorrhage  
 22 Lillian May Martin — — — — — 4 Hemophilia  
 22 Chester G. Doten (died in Everett) 35 2 27 Suicidal laceration of throat  
 24 Mary Frances Goddard 76 8 29 Paralysis of throat and right side  
 24 Eliza Barlow (died in Rockland) 77 11 15 Diabetes mellitus  
 26 Caroline Louise Grozinger 82 3 23 Lobar pneumonia  
 26 Arthur P. Fowler (died in Somerville) 64 1 14 Nephritis  
 27 Mary Briggs Washburn 76 — 15 Cardiac asthma  
 28 Frances Maderos 3 4 18 Broncho pneumonia  
 29 Anne Cecelia Carr 70 10 11 Diabetes  
 30 Ammentore Fortini (died in Boston) 43 — 29 Empyema

# DEATHS—Continued.

Date.	Name.	Age		Cause of Death	Name of Parents	
		Y	M D			
June	1 George J. Barnes	49	7	12	Interstitial nephritis. Arterio sclerosis	John Raggio and Mary Raggio
	1 Joseph Raggio	3	7	14	Cerebro spinal meningitis	William L. Mitchell and Deborah S. Pratt
	9 Ellen Jane Eastman	69	4	1	Cerebral hemorrhage	Frederick Mahler and Violet Crozier
	9 Violet Buchanan	33	7	13	Lobar pneumonia	John Manter and Jeanette Burgess
	10 Frank E. Manter	64	—	19	General tuberculosis	Jeremiah K. Aldrich and Sarah Hauer
	10 Evelyn P. Thurston (died in West-boro)	57	10	22	Cardiac asthma	John Dolan and Mary Phelan
	11 Mary O'Brien	69	—	—	Chronic Nephritis	Sven Peterson and Ruthilda Peterson
	12 Evangeline C. Manter	37	1	7	Pulmonary tuberculosis	B. L. Jenkins and ———
	12 Benjamin C. L. Jenkins (died in Brooklyn, N. Y.)	58	6	28	Remitting fever	Isaac Morton and Betsey Everson
	13 Margaret Leach	77	—	—	Arterial sclerosis	Joseph Benelli and Theresa Galarani
	14 Primo Benelli	37	—	—	Enlargement of heart	George Henderson and Mary A. Furney
	15 George Robert Henderson	62	4	3	Paralysis agitans. Exhaustion	Nathaniel Russell and Catherine E. Elliott
	15 Catherine Elliott Hedge	76	3	22	Carcinoma	Ferdinand Banker and Emily Schulz
	17 Ferdinand C. Banker	22	6	9	Uraemia. Chronic Brights disease	Joseph Mawbey and Jane Lucas
	17 Sarah Jane Hatton	73	2	20	Carcinoma of uterus	Charles W. Kespert and Elizabeth W. Dee
	17 Joseph Franklin Kespert	2 hours	—	—	Congenital hydrocephalus	Robert Fry and Anne Collins
	17 Mary E. McMahon	41	8	25	Puerperal eclampsia	Frank Spalluzzi and Antonetta Fitoli
	20 Tony Spalluzzi	—	1	—	Open foramen ovale	Benjamin H. Hall and Ida Butters
	24 Helen Freeman Hall (died in Marsh field)	2	1	14	Tuberculosis	Patrick O'Brien and Lydia H. Dunham
	24 Walter Freeman Cole (died in Marsh field)	40	11	15	Metronhagia	Martin Benson and Phoebe Leonard
	25 Emily W. Brewster	78	9	23	Valvular disease of heart	Albert Phinney and Lucinda Thomas
	25 Rufus Phinney (died in Lynn)	75	1	2	Hemorrhage of stomach	Franklin B. Cobb and Judith Eaton
	26 Mary S. Burgess	72	3	25	Arterio sclerosis	Henry Goyetch and Elizabeth Babin
	28 Wilbert Goyetch (died in Lynn)	28	—	—	Pulmonary tuberculosis	Ben Jannucci and Louisa Ferrecchi
28 Joe Jannucci	13	1	22	General peritonitis	John Monroe and ———	
28 Mary A. Hazen	43	2	14	Malignant disease of liver, spine and kidneys	Josiah Drew and Sarah Hodgkins	
28 Sarah D. Morton (died in Brook-line)	77	8	1	Cancer of the eye	Melzar Pierce and Polly Foster	
July	3 Annie B. Sampson (died in Nor-way, Me.)	75	—	—	Cerebral hemorrhage	John S. Dearborn and Ellen Dearborn
	4 ——— (died in New York, N. Y.)	—	1	11	Cerebral hemorrhage	John S. Dearborn and Ellen Dearborn
	5 Ellen D. Blackmer (died in New York, N. Y.)	83	4	5	Senility	John S. Dearborn and Ellen Dearborn



July	6	Placid Poirier	89	—	20	Osteo sarcoma of jaw	Valentine Poirier and Madeline Ransom
	8	—	—	—	—	Stillborn	— and —
	9	Alfredo Pizzotti	27	7	29	Fractured cervical vertebrae	Joseph Pizzotti and Rosa Muratti
	10	Mary Robillard	36	1	27	Struck by train	Louis Picard and Louise Deslaureas
	14	Mercie J. Robbins (died in Quincy)	77	1	27	Pulmonary tuberculosis	William E. Paulding and Jane C. Holmes
	16	Marguerita Fracjossi	77	1	10	Carcinoma of lingual glands	George Gafia and Clara —
	16	Gertrude L. Lindgren	77	1	—	Valvular disease of heart	Anton A. Hager and Amanda —
	20	Reinhart Volk (died in Kingston)	13	10	9	Endocarditis. Rheumatic fever	Leopold Volk and —
	22	James Joseph Callahan (died in Kingston)	65	11	—	Arterio sclerosis. Valvular disease of heart	Thomas Callahan and Ellen Malone
	22	Argia Govoni	55	—	—	Cerebral hemorrhage	Joseph Gavoni and Barbara Malaguti
	23	Pia Zamboni	8	10	14	Acute gastro enteritis	Henry Malaguti and Maria Devinchinzo
	24	James H. Stillman (died in Brockton)	39	—	—	Pomaine poisoning	James M. Stillman and Betsey Churchill
	27	Herbert N. Dunbar	73	1	1	Angina pectoris	Willard Dunbar and Catherine Humphrey
	28	Adeline D. Bartlett	55	6	12	Fracture of skull	Timothy Dixon and Emeline Hunt
	29	Horace Porter Bailey	72	—	16	Paralysis of respiration	Thomas Bailey and Cynthia Chandler
	31	Georgiana Hedge	76	4	26	Strangulated hernia	Southworth Barnes and Lucy Burbank
			83	6	14	Gangrene of bowels	
						Disease of heart	
						Old age	
Aug.	1	—	—	—	—	Stillborn	— and —
	2	Susan M. Magree	82	8	26	Valvular heart disease	Johnathan Simmons and Susan Anthony
	3	Henry Schira	—	—	2	Atelectasis of lungs	Henry Schira and Dora Huftnagel
	4	Pilmere Cabral	—	—	3	Malnutrition and diarrhea	Joseph Cabral and Almerita Souza
	4	Mary Louise Leonard (died in Dedham)	—	—	—	—	—
	5	Thomas Macdellan	81	5	29	Angina pectoris	Zibbion Terrill and Jerushia Matoon
	6	Margaret Mary Wirtzbarger	79	1	29	Struck by automobile	John Macdellan and — Carter
	8	John Walley	16	7	19	Pulmonary tuberculosis	Melchoir Wirtzbarger and Mary Stebenlist
	10	Ida Medved (died in Boston)	81	5	11	Cerebral hemorrhage	Joseph Walley and Jane Allen
	13	Mary Gonsalves	37	—	—	Acute leukemia	Samuel Orlovsky and Elka Koidinov
	17	Delina Bernardo	—	6	22	Cholera infantum	John Gonsalves and Mary Trinidad
	18	Harrie DeCost	—	4	30	Cholera infantum	Manuel Bernardo and Mary Pacheco
	20	Walter Francis Hall	2	—	25	Acute indigestion	Norman DeCost and Rose Poirier
			—	—	16	Congenital debility	Walter F. Hall and Martha Peterson
						Malformation of heart	Edward Stone and Emma —
	22	Peter Stone	81	11	12	Arterio sclerosis	Joseph Vaccchino and Purino Terrasa
	25	John Vaccchino (died in Lakeville)	41	1	1	Phthisis pulmonalis	
						Tubercular laryngitis	

# *DEATHS—Continued.*

Date.	Name.	Age		Cause of Death	Name of Parents
		Y	M		
Sept.	5 Mary Fuller Campbell	85	9	14 Cancer of thorax	Kendall Holmes and Betsey Paty
	5 Leverett F. Taylor	53	8	24 Osteo sarcoma of face	— and Isabelle Forsyth
	5 Maude R. Hibbert (died in Taunton)	40	5	8 Gastro enteritis	John Dobbins and —
	8 Virginia Lincoln Wood	—	6	27 Non closure of heart foramen	Clinton L. Wood and Margaret McDonald
	9 Catherine Murphy (died in Dorchester)	64	7	— Nephritis	John Burns and Frances Joyce
	10 Ernest Fremont Mattison	22	3	18 Exposure and exhaustion	Edgar F. Mattison and Adella Haeons
	10 Betsey P. Howland	94	1	23 Old age	Jesse Page and Betsey Merchant
	13 Flora L. Bartlett	62	6	9 Cerebral hemorrhage	James H. Dawes and Abigail Chandler
	18 Willard Warren Taylor (died in Wrentham)	15	2	3 Epilepsy	Clarence E. Taylor and Annie E. Norman
	21 Joseph MacGowan Kingan	71	10	11 Arterio sclerosis	William Kingan and Jane MacGowan
	21 William C. Collingwood	51	10	14 Chronic Brights disease	George Collingwood and Mary C. Fuller
	22 Eva Maria M. Sykes	38	1	2 Phthisis pulmonalis	Heman Broadbent and Esther Wood
	25 Duncan F. Ferguson	85	10	10 Old age	John Ferguson and Elizabeth Frazer
Oct.	29 Albert Ardizzoni (died in Quincy)	36	—	— Accidental burns	Vincent Ardizzoni and Louisa —
	30 Annie Gillespie (died in Brockton)	65	9	— Acute dilation of heart	Edward Gillespie and Katherine Harkins
	1 Hannah S. H. Currier (died in Somerville)	63	—	16 Typhoid fever	Isaac Holmes and Deborah Record
	1 Henry Earle Tilton	13	5	20 Chronic endocarditis	Charles H. Tilton and Catherine E. Wood
	2 Josie A. Downie	66	5	22 Cancer of stomach	Frank Peddell and Mary —
	4 Lemuel F. Bumpus	67	10	15 Pelvic cancer	Mark J. Bumpus and Mary Balcher
	8 Lucy T. Peterson	56	2	26 Generalized carcinoma	Israel Clark and Sarah C. Blackmer
	11 Elizabeth Holmes	70	7	15 Intestinal obstruction	Charles E. Burnes and Elizabeth Ishmael
	13 Alma Candini (died in Kingston)	7	4	4 Stillborn	George Candini and Mary Candini
	18 —	—	—	— Acute indigestion	— and —
	19 Emily C. Cornish	81	11	29 Burns from gasoline explosion	Zachariah Sturtevant and Catherine Hillard
	21 Frederick Alton Valler	3	9	10 Abdominal cancer	James S. A. Valler and Margaret Lee
	22 Allen Franklin Chase	65	—	12 Acute bronchitis	Allen Chase and Altomera Walker
	22 Mary Nelson (died in Atchison, Kansas)	79	—	— Pulmonary tuberculosis	William Stratton and Melissa Brady
	24 Bernard J. Thompson (died in Parsonsfield, Me.)	35	—	—	Daniel J. Thompson and Margaret Ma-honey

Oct.	24	Horatio Nelson Billington	67	6	—	Pemicious anaemia	Nelson Billington and Lemira Blanchard
	24	Lydia Ann Brown (died in Boston)	70	—	—	Angina pectoris	William Brown and Sarah Ann Book
	25	Ernest Souza	74	—	23	Eczema from birth	Manuel Souza and Corina Roderick
	27	Annie Casper	74	1	14	Broncho pneumonia	Adam Hartmann and Annie Schmidt
	29	Ichabod Smith Dean	74	6	2	Fracture of right hip Toxemia. Fecal in paction	Ichabod V. Dean and Mary Varnum
Nov.	1	Belmeda Dias	—	1	29	Gastro enteritis	Victor Dias and Frances Lawrence
	2	Honace J. Drew	84	1	7	Valvular disease of heart	Nathaniel Drew and Dorcas Delano
	5	Alexander V. Fraser	80	5	24	Arterio sclerosis	Alexander V. Fraser and Mary Hevingham
	8	Hannah M. Boyte	37	—	—	Cerebral hemorrhage	Daniel Kelley and _____
	10	Eugene Malone	49	10	12	Hemorrhage of stomach	Patrick Malone and Agnes Murphy
	10	Elizabeth A. Dunham	77	1	2	Oedema of lungs Chronic Bright's disease Arterio disease of heart	William Lewis and Ann Spinney
	13	Arvin M. Bancroft	85	6	20	Valvular disease of heart	Francis Bancroft and Louise Miles
	19	Margaret Prendergast (died in Boston)	65	6	1	Cerebral degeneration	Michael Regan and Nora Foley
	20	Edward W. Watson, 2nd	63	1	28	Cerebral thrombosis	Benjamin M. Watson and Mary Russell
	22	Elizabeth T. Holmes (died in Westboro)	63	7	26	Cerebral apoplexy	Richard W. Holmes and Caroline Morton
	25	Susan A. Harlow	85	6	6	Old age. Heart disease	Sylvanus Sampson and Ann Deakley
	26	Mary J. Whitten (died in Somerville)	—	—	—	Stillborn	_____ and _____
	29	Ruth L. Merry	71	9	21	Chronic valvular heart disease	James Davidson and Martha Saunders
			34	10	25	Hypostatic pneumonia	Henry W. Hatch and Lucinda H. Randall
Dec.	1	Elizabeth Hedge Cushman	80	7	7	Organic heart disease	Joseph Cushman and Sarah T. Hedge
	1	Elizabeth Melix	40	—	—	Lung consolidation	John VanBlackam and _____
	1	Annie Doudican	47	—	—	Pneumonia. Cancer of rectum	Dennis Hackett and Ann McClinn
	6	Madeline Louise Holmes	—	2	1	Abdominal carcinoma	Ralph B. Holmes and Clara Patterson
	16	_____	—	—	—	Acute intestinal indigestion	_____
	17	Edward Franklin Mellen	69	—	—	Stillborn	Isaac Mellen and Sarah Phipps
	19	Enice Bartlett	71	1	11	General paralysis	William Leonard and Susan Morton
	22	Genevra A. Sleeper	70	10	16	Pneumonia. Valvular heart disease	Asaph Bisbee and Lucinda P. Vaughan
	23	Benjamin V. Bennett	79	6	26	Senile gangrene	George Bennett and Susan Stetson
	23	Emma J. Beaman	65	3	23	Endocarditis. Old age	Joseph G. Smith and Betsey W. Smith
	24	Edward H. Simmons (died in Worcester)	58	10	1	Carcinoma of colon Drowning	Gershon Simmons and Lydia Warren

DEATHS—Continued.

Date.	Name.	Age		Cause of Death	Name of Parents
		Y	M		
27	Arthur A. Lemoine	—	3	16 Sick from birth	Paul Lemoine and Mary Boucher
27	George Alton Cobb	41	11	5 Dilation of left ventricle of heart	John K. Cobb and Victorine A. Holbrook
28	James S. Kelly	71	—	— Heart enlargement	Robert Kelly and Margaret Stuart
29	Alexander D. Astley	49	10	26 Diabetes mellitus	Joseph Astley and Betty Duxbury
29	James Douglass Murray (died in Boston)	2	3	4 Malnutrition	James A. Murray and Grace E. Douglass
29	George Taylor (died in Boston)	53	—	— Septic feet	Joseph Taylor and Mary Connolly
30	Ichabod Carver	74	6	28 Angina pectoris	John Carver and Sarah Perkins
31	Nathan H. Dunbar	70	2	26 Paresis. Brain injury	Willard Dunbar and Catherine Humphrey



## MARRIAGES REGISTERED IN PLYMOUTH IN 1916.

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- Jan. 1. Michael Montrond and Hester Powell, both of Plymouth.
- Jan. 1. Frank Miller Martin and Rayetta Williams Pratt, both of Plymouth.
- Jan. 8. John Souza Marshall and Annie Elizabeth Thomas, both of Plymouth.
- Jan. 8. Albert Fredrich Sauer of Kingston and Mary Edith Barke of Plymouth, married in Plymouth.
- Jan. 9. Julius Maged of Plymouth and Sarah Westaman of Everett, married in Everett.
- Jan. 16. Joseph Grassa of Boston and Mary Berardi of Plymouth, married in Plymouth.
- Jan. 20. Louis Rubinstein of Plymouth and Lillian Rosenthal of Roxbury, married in Boston.
- Jan. 25. Harry DeMawby of Plymouth and Beatrice May Straub of Ashland, Pa., married in Fall River.
- Jan. 26. Manuel F. Nunes and Mary Ruprecht, both of Plymouth.
- Jan. 29. Harry Tavares and Jacintha Ferriera, both of Plymouth.
- Feb. 2. George Allen Wood and Edith Louise Burt, both of Plymouth.
- Feb. 5. Peter Vaccari and Emma Zaniboni, both of Plymouth.
- Feb. 6. Daniel Manning of Taunton and Mildred Andrews Burns of Plymouth, married in Plymouth.

- Feb. 11. Fred Hamlin Chase of Plymouth and Mabel Nancy Carr of Brockton, married in Brockton.
- Feb. 19. William Lawrence Livingston and Bessie Frances Raymond, both of Plymouth.
- Feb. 19. George Frederick Sampson and Alfreda Frances Lapham, both of Plymouth.
- Feb. 22. Peter Mazzilli and Lena Paul, both of Plymouth.
- Feb. 22. Adolph Tavernelli of Plymouth and Angelina Borghesani of Kingston, married in Kingston.
- Mar. 4. Thomas Edward Norton and Eveline Burgess Churchill, both of Plymouth.
- Mar. 4. Alfred Edward Schaick of Roslindale and Annie Strassel of Plymouth, married in Plymouth.
- Mar. 5. Antone Sylvia and Rosie Brenner, both of Plymouth.
- Mar. 5. Guy Ingenito and Maria Musco, both of Plymouth.
- Mar. 6. John Daniel Kaiser and Annie Elizabeth Christe, both of Plymouth.
- Mar. 6. Fritz Joseph Schlecht and Rose Reilly, both of Plymouth.
- Mar. 12. Vincenzo Ruggiero of Middleboro and Lucio Ditrani of Plymouth, married in Plymouth.
- Mar. 15. Christian Fernand and Mae Anna (Greenough) Sevegny, both of Plymouth.
- Mar. 18. Herbert Edward Sears of Plymouth and Gertrude Vianna Randall of Kingston, married in Plymouth.
- Mar. 22. William Ichabod French and Ella Evon Langille, both of Plymouth.
- Mar. 25. Alfred Gibbs Nye of Dorchester and Grace Frances Swift of Plymouth, married in West Medford.
- Mar. 25. Frederico Joaquim Castelo and Josephine Rose Oliver, both of Plymouth.
- Mar. 28. Manuel Andrews and Mary Nunes, both of Plymouth, married in Kingston.



- Apr. 8. John Breman of Perth Amboy, N. J. and Lottie McMahon of Plymouth, married in Plymouth.
- Apr. 11. Ellis Wethrell Brewster and Ellen Hatch, both of Plymouth.
- Apr. 18. Antonio Drudi and Dina Contelli, both of Plymouth.
- Apr. 19. Clyfton Howard Gardner and Beulah Gertrude Haskins, both of Plymouth.
- Apr. 21. Manuel J. Pimental of Plymouth and Maria Ceo Silveira of Kingston, married in Plymouth.
- Apr. 29. Gustav Pflugrad of Plymouth and Amelia Waigner of Kingston, married in Plymouth.
- Apr. 29. Vincent Monti and Inez Maloni, both of Plymouth.
- Apr. 29. John Furtado and Mary Almeda, both of Plymouth.
- May 8. Richard Giles of Amherst and Georgine Ballard of Plymouth, married in Plymouth.
- May 12. George Joseph Anderson of Plymouth and Marguerite Clara Rogers of Manchester, N. H., married in Plymouth.
- May 13. Manuel V. Souza and Mary R. Botelho, both of Plymouth.
- May 15. Arthur Keene Finney of Plymouth and Bertha May Chalmers of Attleboro, married in Attleboro.
- May 20. Sargent Clifford Black of Plymouth and Clara Louise Stranger of Kingston, married in Plymouth.
- May 20. Richard Trever Thatcher of Fairhaven and Bessie Haskell of Plymouth, married in Fairhaven.
- May 24. Charles Leonard Godfrey, Jr., and Muriel Melissa Bittinger, both of Plymouth.
- May 27. Peter Rogers of Quincy and Marguerite E. (Eldridge) Jones of Plymouth, married in Boston.
- June 4. Benjamin Ralph Resnick of Plymouth and Ruth Romanow of Dorchester, married in Brookline.

- June 8. Frank Thomas Sherman and Edith Finney, both of Plymouth.
- June 10. Edward Costa and Maria Botelho, both of Plymouth.
- June 10. Joseph Mason and Erlena Margaret Stone, both of Plymouth.
- June 14. Warren Chandler Weeks of Brookline and Elizabeth Homer Burbank of Plymouth, married in Plymouth.
- June 14. Allen Winslow Bumpus and Ethel Frances Knight, both of Plymouth.
- June 15. Nathan Clarence Jordan of Plymouth and Lillian Elizabeth White of Boston, married in Boston.
- June 15. Frederick Ferdinand Rudolph of Kingston and Rose Bell Briggs of Plymouth, married in Plymouth.
- June 17. John Jacintho and Filamena Ciandra, both of Plymouth.
- June 18. John Schneider and Ada Stringer, both of Plymouth.
- June 19. Otto Rudolph Bagen and Beatrice Regina Westgate, both of Plymouth.
- June 19. Fardina Arthur Perrault and Lillian Adelia Robins, both of Plymouth.
- June 22. Albert Joseph Rioux and Mary Valcourt, both of Plymouth.
- June 24. Lothrop Withington of Cambridge and Katharyn C. Whipple of Brookline, married in Plymouth.
- June 24. Moses Roderick of South Duxbury and Dominga Pena of Plymouth, married in Plymouth.
- June 26. Lionel Lewis Petit and Delina Julia Martin, both of Plymouth.
- June 28. George Halsey Lee and Bertha Elizabeth Kelley, both of Plymouth.
- June 30. Harry Leroy Alden of Plymouth and Mary Elizabeth Pierce of Foxboro, married in Cambridge.

- July 2. Otis Nelson Sears and Catharine Rose Ward, both of Plymouth.
- July 8. James Thomas Frazier and Ellen Frances Hinchcliffe, both of Plymouth.
- July 8. Joseph Costa, Jr. and Mary Souza, both of Plymouth.
- July 8. William Irving Pearson of Plymouth and Etta Viola Pierce of Medfield, married in Medfield.
- July 8. George Eli Smith, Jr. and Grace Lillian Douglas, both of Plymouth, married in Marion.
- July 15. Jesse Tavares, Jr. and Mary Souza, both of Plymouth.
- July 18. Fred Leopold Henning and Lulu Maud Larkin, both of Plymouth.
- July 20. Daniel David Perry and Emma Borsari, both of Plymouth.
- July 22. Francisco Motta and Mary Cabral, both of Plymouth.
- July 24. Manuel Costa and Louisa Souza, both of Plymouth.
- July 29. Alfred Costa and Rosie Furtado, both of Plymouth.
- July 29. Jose D. Araujo and Amora Macedo Pires, both of Plymouth.
- July 29. John F. O'Connor and Inez E. Strehl, both of Boston, married in Plymouth.
- July 31. Antonio Lenzi and Mary Bergamini, both of Bridgewater, married in Plymouth.
- Aug. 2. Richard Alexander Mainwaring of Norwood and Grace Helen Carleton of Plymouth, married in Plymouth.
- Aug. 2. Charles Trenchard Sanderson and Winifred Lillian Sherman, both of Plymouth.
- Aug. 5. Walter William Webber and Fannie Walker Craig, both of Plymouth.

- Aug. 11. Umberto Bonamici and Nora Balboni, both of Plymouth.
- Aug. 12. Dante Chiari and Guiseppini Mirandola, both of Plymouth.
- Aug. 14. Ebenezer Dunham Shaw of North Carver and Mina Rosella Hale of Plymouth, married in Brockton.
- Aug. 16. Edward Francis Hall and Daisy Spencer, both of Plymouth.
- Aug. 17. John Pacheco and Mary Carreiro, both of Plymouth, married in Fall River.
- Aug. 17. Ivan Bradford Chandler of Kingston and Vivienne Maria (Cole) Willis of Duxbury, married in Plymouth.
- Aug. 17. John Francis McNamara and Mary Josephine Doherty, both of Plymouth.
- Aug. 25. John Berman of Sesser, Ill. and Bessie Paul of Plymouth, married in Plymouth.
- Aug. 26. Arthur Merton Hatch of East Bridgewater and Louise Margaret Peck of Plymouth, married in Bellows Falls, Vermont.
- Aug. 27. Roger Winslow Wright of Kingston and Elizabeth May Larkin of Plymouth, married in Kingston.
- Sept. 2. Freddie Leroy Nickerson of Plymouth and Ella May Peck of Marshfield, married in Marshfield.
- Sept. 2. Clinton James Yale and Edna Addie Wilson, both of Somerville, married in Plymouth.
- Sept. 2. Chrespin Rocha and Wilhelmina Cordeira, both of Plymouth.
- Sept. 2. Alvino Questodio and Rosalina Amalia, both of Plymouth.
- Sept. 3. Ettore Garuti of Plymouth and Massalina Filippini of Bridgewater, married in Plymouth.

- Sept. 9. Frank Andrade and Maria Hortensa Bollerinho, both of Plymouth.
- Sept. 11. Charles Joseph Barry and Elizabeth M. (Simpson) Carroll, both of Plymouth.
- Sept. 11. Lawrence Corrow of Kingston and Emma Danforth Hall of Plymouth, married in Kingston.
- Sept. 16. Filomene Viola and Delphina DaConceicao, both of Plymouth.
- Sept. 16. Gaetano Mestieri of Tremont and Venusta Bregoli of Plymouth, married in Plymouth.
- Sept. 17. Domingo Alves and Maria Andrade, both of Plymouth.
- Sept. 17. William Sumner Sampson and Esther Louise Sampson, both of Plymouth.
- Sept. 19. Arthur Bradford Cornwall of Brooklyn, N. Y. and Alice Morton Atwood of Plymouth, married in Plymouth.
- Sept. 30. George Alfred Phaneuf and Mabel R. Stone, both of Plymouth.
- Oct. 2. William Francis Goodwin and Katharine Agnes Clough, both of Plymouth.
- Oct. 2. Kendall Harlow Holmes and Marion Franklin Kendrick, both of Plymouth.
- Oct. 2. Bernard Winslow Cassidy and Sarah Caroline Scott, both of Plymouth.
- Oct. 7. Mando Joseph Guidaboni and Pervinca Sommi, both of Plymouth.
- Oct. 8. Arvid Pramberg and Mildred E. Ripley, both of Brockton, married in Plymouth.
- Oct. 11. Edward Ralph Belcher and Helen Loring Barnes, both of Plymouth.



- Oct. 13. John Davis Brewer of Plymouth and Marion Leona Mack of Dorchester, married in Boston.
- Oct. 21. Harry Cowan Hobart of South Hanson and Helen Cathryn Andrews of Plymouth, married in Plymouth.
- Oct. 21. John McWilliams and Elizabeth Ralston, both of Plymouth.
- Oct. 21. Arthur Eugene Kempton of Winthrop and Olive Baker (Cook) Gould of Plymouth, married in Boston.
- Oct. 22. Orin Franklin Wood of Norton and Alice Elizabeth Higgins of Plymouth, married in Plymouth.
- Oct. 24. Daniel Arthur G. Chaplin and Bertha LeBaron Hinckley, both of Plymouth.
- Oct. 24. Charles Oscar Barke and Caroline May Stevens, both of Plymouth.
- Oct. 25. Horace Anderson and Anne Freeman Bartlett, both of Plymouth.
- Oct. 25. Joseph Alves and Maria Molta, both of Plymouth.
- Oct. 25. Manuel Rose and Regina Costa, both of Plymouth.
- Oct. 26. Achille Maccaferri and Mary Todeschi, both of Plymouth.
- Oct. 28. Jack Anastasia and Maria Souza, both of Plymouth.
- Oct. 31. Clarence Edwin Delano and Mary Katherine Matheson, both of Plymouth.
- Nov. 4. Oscar Robert Fabian Wallenberg and Annie Mathilda Olson, both of Plymouth.
- Nov. 4. George Gray Courtney and Lillian Russell Valler, both of Plymouth.
- Nov. 8. Manuel Souza and Diolinda Souza Cavaca, both of Plymouth.
- Nov. 11. Frank Young and Mae Frances Thrasher, both of Plymouth, married in Bourne.



- Nov. 14. Harold Newhall Sturtevant and Annie Elizabeth (Mahler) Gerety, both of Plymouth.
- Nov. 15. Joseph Elzear Lefebvre of Plymouth and Angelina (Landry) Papillion of Providence, R. I., married in Providence, R. I.
- Nov. 18. Joseph Martin and Josephina Texiera, both of Plymouth, married in Fall River.
- Nov. 18. John Caires and Maria Gouvea Figueira, both of Plymouth, married in Fall River.
- Nov. 25. William H. Higgins of Plymouth and Jane Frances Burns of Newton, married in Newton.
- Nov. 26. Laurentine Oliveira and Rosie Batetha, both of Plymouth.
- Nov. 26. Joseph Tanni of Boston and Mary Cavicchi of Plymouth, married in Plymouth.
- Nov. 30. J. Harold Atwood of Everett and Masel Horton Beytes of Plymouth, married in Plymouth.
- Dec. 2. Antonio Masi and Prima Scagliarini, both of Plymouth.
- Dec. 14. Thaddeus E. Brown and Margaret E. (Maher) Sears, both of Plymouth.
- Dec. 23. Myles John Hanson and Sarah E. Heppleston, both of Plymouth.
- Dec. 25. Edward Weston Baker of Plymouth and Alice Maud Savage of West Somerville, married in Plymouth.
- Dec. 27. George A. Finney and Marcia Rogers, both of Plymouth, married in Kingston.
- Dec. 30. Arthur J. Paquette and Georgiana Ferriera, both of Plymouth.
- Dec. 30. Facchini Amedeo of Plymouth and Caterina Contelli of Kingston, married in Plymouth.

SUMMARY.

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DEATHS.

Number of deaths registered, 255, of which 66 occurred out of town, burial taking place in Plymouth.

Born in—	
United States,	197
Ireland,	13
Italy,	9
Nova Scotia,	9
England,	7
Germany,	5
Sweden,	2
Russia,	2
Portugal,	1
New Brunswick,	1
Denmark,	1
West Indies,	1
Cape Breton,	1
Finland,	1
Scotland,	1
Canada,	1
Unknown,	3
	<hr/>
	255

## MARRIAGES.

Number registered in 1916, 144.

Both parties born in—

United States,	65
Italy,	14
Portugal,	13
St. Michaels,	9
Russia,	4
Cape Verde Islands,	2
Germany,	1
England,	1
Sweden,	1
Azores,	1
Maderia Islands,	1
Mixed, one American,	27
Mixed, neither American,	5
	<hr/>
	144

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## BIRTHS.

Number registered,		302
Males,	153	
Females,	149	

Both parents born in—

United States,	102
Italy,	69
Portugal,	15
Western Islands,	14
Russia,	10
Azores,	9

Germany,	6
Nova Scotia,	3
St. Michaels,	3
Canada,	2
England,	1
France,	1
Ireland,	1
Sweden,	1
Cape Verde Islands,	1
Unknown,	53
Mixed, one American,	10
Mixed, neither American,	
	<hr/>
	302

# ANNUAL REPORT

OF THE

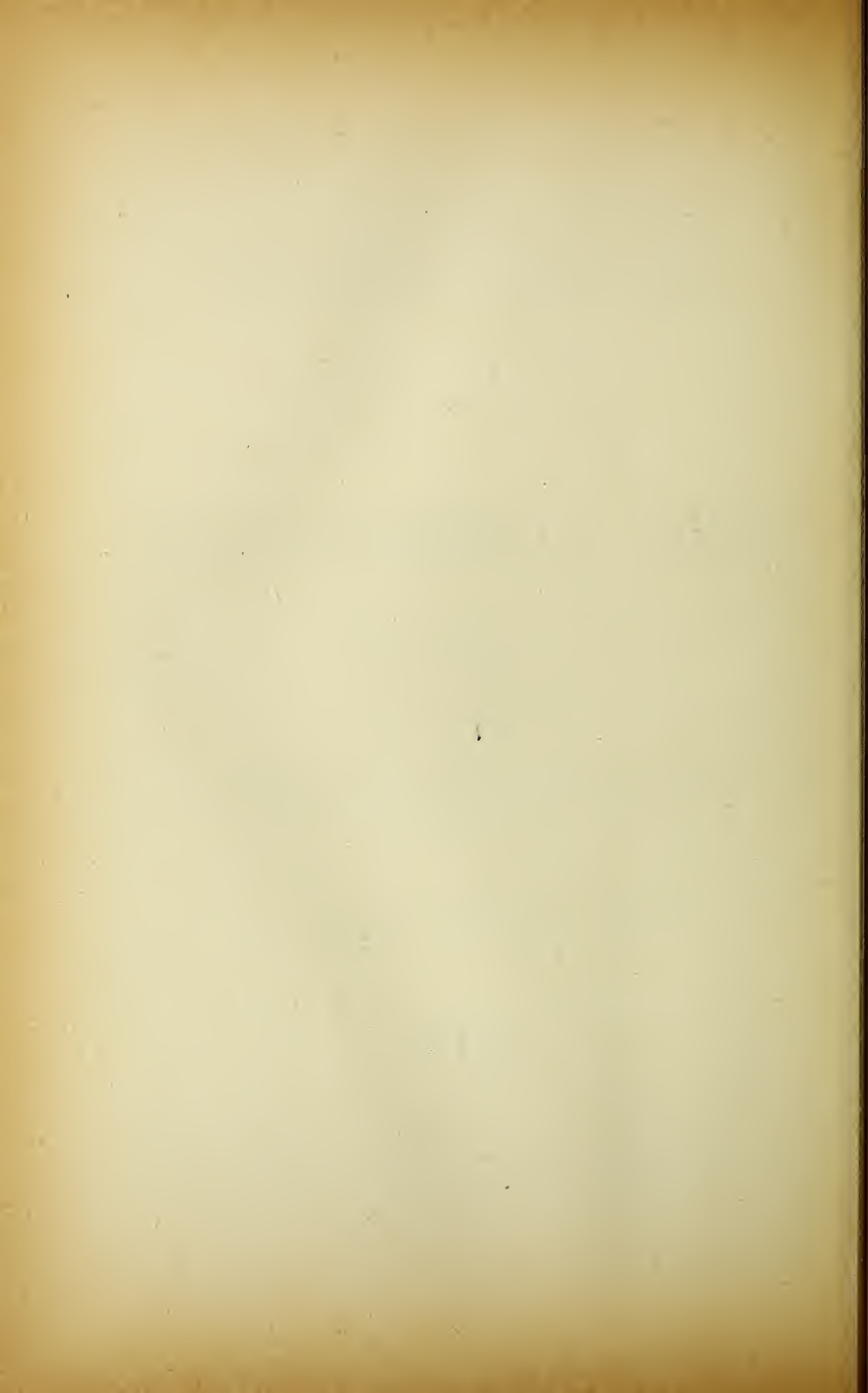
## **FIRE COMMISSIONER**

OF

PLYMOUTH, MASSACHUSETTS

For the Year Ending Dec. 31

**1916**





## REPORT

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To the Honorable Board of Selectmen:

Gentlemen: I submit herewith the report of the Fire Department for the year ending December 31, 1916.

The report includes the records of the Board of Engineers who held office until May 1, 1916, under the old form of government, as well as those of the Fire Commissioner who has been in charge of the department for the eight months ending December 31, 1916.

### NEW ORGANIZATION.

The act which established the office of Fire Commissioner, under whose authority and direction the present department is operated, became effective May 1, 1916, with the appointment of the present Commissioner. A great many changes in the methods of operating the department have been introduced by the Commissioner and that the citizens may be somewhat informed of these new regulations a brief outline follows:

Under the old organization, the Board of Engineers, consisting of three members, was appointed by the Board of Selectmen to serve one year. The Board of Engineers chose one of the three members as Chief Engineer and the other two acted as Assistant Chief Engineers. The Call Members of the department were chosen for a similar period from lists prepared by the retiring officers of the several companies, and the men in turn voted their officers, subject to the approval of the Engineers. The members of the Permanent Force were chosen by the Board of Engineers from applicants who had

signified a desire to join as Permanent Members without perhaps being already members of the Call Force or in any way connected with the department.

The present force, both Permanent and Call Members, including the Chief of Department and all of the officers, were appointed and assigned to the various companies by the Commissioner, under authority granted by the act establishing the present Fire Department. Each man appointed received a written notice of his appointment, his assignment for duty, and date same became operative. The appointee in turn was required to sign a statement agreeing to abide by the Rules and Regulations of the Department, as established by the Commissioner.

The members of the Department are informed of any changes in the rules, and such other matters as will affect the organization, through written orders issued by the Commissioner and sent to the Company Commanders for publication.

The members of the Permanent Force are required to dress in regulation uniform except on their "day off."

No officer or member, whether in uniform or not, is allowed to smoke on the apparatus floor, stable, or stable loft of any station, or in the streets or public places when in uniform. Lounging on the main floor of quarters is not permitted.

The use of the telephone is restricted to Department business and only messages of sickness or emergencies, outside of Department matters, are allowed, so that the line is practically free at all times for the receipt of alarms.

A patrol is maintained on the apparatus floor of the Central Station from 8 a. m. to 10 p. m. each day, to answer the telephone, receive visitors, and be responsible for the proper receipt and transmission of alarms.

A Company report of each trial, meeting, or fire duty, is made by the Company Commander covering the attendance and work performed. If for Fire Duty, the report covers the items relating to the box number, time, officer the Company

reported to for orders, officer who ordered Company back to quarters, amount of hose and ladders used, time Company was absent from quarters and the record of attendance. This report is forwarded to the Chief of Department for his examination and approval and properly filed for reference.

A Company Monthly Report is forwarded to the Chief, showing the attendance each time the Company reports. A Members' Attendance Card is on file at Headquarters, and from these Company reports the record of attendance is taken, and noted on the card, so that a careful watch is kept of members who report for duty and who may be depended upon in time of need.

When the Department reports for Fire Duty, the Chief of Department is required to forward to the Fire Commissioner, a report which includes the date, time, box number, whether bell or still alarm, location of fire, cause of fire, first officer in command, occupants of the building, value of building, value of contents, loss on both building and contents, action of the Companies reporting, etc. This report must bear the approval of the Fire Commissioner, and is filed for reference.

A Daily Station Report for the Permanent Force is made, showing members on duty, members absent on "day off," hours members leave and return at meal times, alarms received, action of Company in answering alarm, if any received, and such events as are of interest to the Department. This report also bears the approval of the Chief.

That the Department is better prepared for service and the town benefited in increased efficiency because of the new regulations, is best appreciated by a visit to the Central Station. The apparatus floor is at all times cleared for action and the members so governed as to be ready for immediate response to an alarm.

## MANUAL FORCE.

The manual force of the Department on December 31, 1916 was as follows:

Fire Commissioner,	Robert C. Harlow
Chief of Department,	Albert E. Hiller
Deputy Chief of Department,	Wallace B. Brewster

## PERMANENT FORCE

*Combination A—Central Station.*

*In Charge of Chief of Department.*

Britton, Fred H.	Hedge, Lothrop
Fogarty, Robert	Packard, Charles H.
Hatton, Clifton	Sullivan, Jeremiah

*Substitutes.*

Carr, Charles F.	Robbins, H. F.
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## CALL FORCE

*Engine 1 and 2—Central Station.*

Captain, \_\_\_\_\_ Lieutenant, John N. Holmes  
Andrews, William; Bradford, John A.; Crosby, Edward F.;  
Carr, Charles F.; Dunton, Ernest; Donlevy, Frank H.; Gardner, Percy W.; Hurd, William E.; Knights, James; Manter, Freeman; Mayo, Arthur; Morse, Edward K.; Nutter, Edwin F.; Nauman, John; Nickerson, Alfred E.; Paty, Fred W.; Peterson, Valentine J.; Sampson, John; Sullivan, Daniel; Savery, Ralph.

*Ladder 2—Central Station.*

Captain, B. L. Thomas Lieutenant, Charles F. Paty  
Fraser, Charles; Hatton, Charles H.; Harlow, Arthur W.;  
Holmes, Kendall H.; Morse, Alfred; Reinhardt, Henry; Robbins, H. F.; Roy, Peter.



*Engine 3—North Station.*

Captain, Henry T. Cash                      Lieutenant, Robert Thom  
Grandi, Charles J.; Hardy, Edward C.; Kendrick, George  
A.; Kendrick, James K.; Pierce, Wm. S.; Stephan, Nicholas;  
Wolf, Bernard.

*Ladder 1—North Station.*

Captain, Lothrop Hedge                      Lieutenant, John Stephen  
Bentley, Ralph R.; Cook, Ralph; Grandi, Joseph; Gray, Nor-  
man W.; Strassel, John; Tillson, Charles H.; Webber, Henry  
P.; Ruprecht, Joseph.

During the year there have been four resignations, and one discharge from the organization. Two members attached to the Standish Guards were granted leave of absence, without loss of pay, during the time the Guards were under the U. S. Army orders.

APPARATUS.

The Apparatus and location of same remains as the previous year.

*Central Station.*

Combination A—Hose and Chemical; Engine 1; Engine 2;  
Hose 1; Ladder 2; Chemical 1.

*North Station.*

Engine 3; Reserve Engine; Hose 3; Ladder 1.

New rubber tires have been fitted to the rear wheels of the Combination Hose and Chemical Truck, but it will be necessary to have this machine thoroughly overhauled, as soon as possible after the new chemical truck is put into commission. Considerable work has been done on Engine 1, and this machine, which met with an accident while responding to an alarm of fire in the early part of the year, is now in good

working order. When the new apparatus is in commission it is planned to assign Engine 2 to the North Station and dispose of the present Ladder 2 truck and Hose 1 wagon, placing the new ladder truck, the new chemical combination and the new pumping engine in the Central Station.

With the new motor apparatus in service the horses used in the past will not be required except for a second or third alarm fire. It will be necessary, however, to provide enough horses to haul the second alarm apparatus until such time as another motor driven pumping engine is purchased.

### NEW APPARATUS.

The delivery of the three motor driven pieces of apparatus covered by the appropriation voted at the March meeting of the town has been delayed, due to the unsettled manufacturing conditions throughout the country. A very careful investigation was made of the different types of pumping engines, as this appeared to be the most important piece to be purchased, and a pump of the centrifugal type, made by the Seagrave Company, was selected as best adapted for the work of the department. It was felt that if all three pieces could be of the same make, provided the workmanship and performance were satisfactory, it would simplify the handling and care of the same. A contract for the motor driven pumping engine and hose wagon, city service ladder truck, and chassis, upon which will be mounted the chemical tanks now on the horse drawn chemical, was, therefore, awarded to the Seagrave Company of Columbus, Ohio. It is confidently believed that the purchase, when delivered, will meet with the approval of the citizens of the town.

### HOSE.

The department has on hand 4,250 feet of 2½ inch hose in good condition, and it will not be necessary to purchase any



new hose the coming year unless some unforeseen accident occurs.

During the year a combination hose testing and coupling machine has been installed, and repairs to damaged hose and the testing for leaks can be more easily handled than heretofore.

### HYDRANTS.

Twelve new hydrants at new locations have been added during the year making a total of 212 distributed throughout the town. It has been necessary to replace three old hydrants with new ones and re-set one old one.

The reservoir on High Street has been thoroughly overhauled and new connections made with the new service pipes laid during the month of November.

A careful inspection of each hydrant was made during the month of November, and all were properly drained, to prevent freezing during the cold weather.

### FIRE ALARM SYSTEM.

The fire alarm branch of the department has received the usual care and attention necessary to maintain this important aid to the fire fighting force.

A re-winder for the punch register in the Central Station has been added, which will assist in maintaining a proper record of the alarms.

A new line over Warren Avenue has been laid to follow the new pole locations due to the alterations on the highway.

The Universal transmitter box, from which any alarm may be sounded on the bells and whistles, was removed from the central telephone station to the Central Fire Station in the month of May. It is believed less chance of a mistake in receiving and sending alarms will occur under this arrange-

ment, and the responsibility is directly with the department. A dial for the "No School" signal has been added to the box and is used under the direction of the School Committee.

One new regulation box has been added to the system and there are at present, 37 boxes distributed throughout the town. In addition to these, there are 20 box locations, or "phantom boxes," so-called, which are covered by the universal transmitter box in the Central Station. These "phantom boxes" are located in parts of the town where it was thought not necessary to install a regulation box. When a fire is discovered in a locality near which no box is handy, a telephone message to the Central Station, giving the part of the town where the fire is in progress, will cause the alarm to be given for one of the "phantom boxes" and by the aid of the universal transmitter, an alarm can be sounded on the bells and whistles calling the department to this box location.

It is planned to rearrange the overhead wires in a part of the North section of the town the coming year, as these circuits are in a more or less hazardous condition and should be protected so as not to cause trouble during stormy weather.

## BUILDINGS.

The buildings under the care of the Department have had necessary repairs made and are now in good order. The heating systems at both the North and Central Stations have been repaired and put in safe working condition.

To care for the additional members of the permanent force, required to operate the motor driven apparatus, the room over the stable at the Central Station used as a hayloft, is being altered to provide two rooms. One of these rooms will be used for sleeping quarters and the other for the Commissioner. The room at present used for the office of the Commissioner will also be used as additional sleeping room.

## INSPECTIONS OF BUILDINGS, ETC.

Inspections of the hotels and lodging houses, as required by the State Police, have been made, and reports returned, stating condition as regards life saving appliances, exits, etc.

During the year 373 inspections of cellars and basements were made by members of the permanent force and arrangements made for removal of rubbish, etc.

The inspections of garages for the year number 124. In a large number of these garages but little attempt had been made to follow regulations as prescribed by the State Police and the department found it necessary to request alterations to meet the requirements of the law.

Permits to sell fireworks, firecrackers, etc., were granted to 10 applicants.

## FIRE RECORD.

During the year the department has responded to 39 bell alarms, and 68 still or telephone alarms, making a total of 107. Of this number 6 were for the pulmotor.

The causes of fires and alarms were as follows:

Out of town,	2
Automobiles,	1
Brush and rubbish,	9
Lamps, etc.,	1
Pipes, cigarettes,	2
Chimney soot,	13
Defective chimney and pipes,	14
Pulmotor,	6
Overheated furnace,	1
Set by boys,	8
Incendiary and supposed,	13
Spontaneous combustion,	8
Starting fire with kerosene,	1
Clothes near stove,	2
Grease on stove,	1
Electric wires,	2
Tar boiling over,	1
Lightning,	1
Unknown,	3
False or needless,	18
<b>Total,</b>	<b>107</b>

Months	HOW EXTINGUISHED					
	Extinguishers	Chemical Engine	Hydrant Streams	Steamer	No Action	Pulmotor
January	2	3	1			3
February		6	2	2	2	
March	2	4	1			
April	2	1	1	2	3	
May		1		1	1	1
June					3	
July	4	2	5	2	11	
August	1		1	1	2	
September	1	4	1	1	1	
October	1	2	4			1
November		4	1		1	1
December	2	4	1	1	3	
<b>Totals</b>	<b>15</b>	<b>31</b>	<b>18</b>	<b>10</b>	<b>27</b>	<b>6</b>

# ALARMS—FIRE LOSSES—INSURANCE.

MONTHS	ALARMS				VALUES INVOLVED				Total Values Involved	Total Loss on Values Involved	INSURANCE	
	Sill	Bell	Tuln	Total	Value of Buildings	Loss on Buildings	Value of Contents	Loss on Contents			Buildings	Contents
JANUARY	5	1	3	9	\$ 2,500.00	\$ 20.00	\$ 12,800.00	\$ 2,500.00	\$ 30.00	\$ 1,500.00	\$ 10,400.00	
FEBRUARY	7	4	3	11	31,500.00	10,155.00	6,100.00	44,300.00	16,044.66	22,300.00	22,000.00	
MARCH	4	3		7	17,000.00	1,191.00	6,100.00	23,100.00	1,796.00	12,948.64	3,050.00	
APRIL	6	5		11	15,400.00	758.00	7,350.00	22,750.00	1,398.00	12,500.00	5,000.00	
MAY	3	3	1	4	35,000.00	3,030.00	46,000.00	81,000.00	27,530.00	19,500.00	83,800.00	
JUNE	3			3	14,450.00	500.00	1,500.00	15,950.00	1,500.00	14,800.00	900.00	
JULY	11	13		24	7,400.00	1,830.00	5,650.00	13,050.00	2,610.00	4,700.00	800.00	
AUGUST	4	1		5	5,100.00	1,200.00	3,700.00	8,800.00	1,600.00	3,000.00	5,300.00	
SEPTEMBER	4	6	2	8	225.00	435.00	9,300.00	24,400.00	480.00	11,600.00	17,800.00	
OCTOBER	5	1	1	7	225.00	55.00	2,005.00	2,280.00	57.00			
NOVEMBER	4	2	1	7	22,200.00	275.00	16,900.00	39,100.00	830.00	17,800.00	12,800.00	
DECEMBER	7	4		11	21,200.00	452.00	8,500.00	29,700.00	602.00	14,708.64	2,600.00	
TOTALS	62	39	6	107	187,075.00	19,891.00	119,805.00	306,880.00	54,377.66	138,317.23	74,150.00	



During the month of July the department received 11 false or needless alarms. All of these were received during the evening of July 3rd and the early morning of the 4th, and it is to be regretted that the department should be called upon to answer such alarms, and thus lower the efficiency of the organization should an alarm of real importance be received.

### EXPENDITURES.

The expenditures for the maintenance of the department for the year 1916 were as follows:

Appropriation for the year,		\$15,100 00
Salaries and wages—		
Engineers,	\$821 14	
Permanent Force,	5,487 76	
Call Force,	3,057 71	
Other employees,	311 91	
Total salaries and wages, —————	\$9,678 52	
Horse and auto hire,	1,804 50	
Equipment and repairs;	920 24	
Hydrant service,	248 22	
Maintenance, buildings and grounds,	1,157 62	
Fuel and light,	1,004 98	
Other expenses,	280 92	
	—————	
Total expenditures,		\$15,095 00
		—————
Balance unexpended,		\$5 00

### APPROPRIATIONS FOR 1917.

The department will require an appropriation of \$16,985.00 for the usual running expenses during the year 1917; and an additional appropriation of \$500.00 to cover the necessary expenses due to the changes and alterations in the Central Station to accommodate the new apparatus and additional men of the Permanent Force.



Salaries and Wages—

Chief,	\$1,200 00	
Permanent force,	8,500 00	
Call force, May 1, 1917,	2,700 00	
Call force, May 1-Dec. 31,	1,200 00	
Total salaries and wages, —————	\$13,600 00	
Horse and auto hire,	350 00	
Equipment and repairs,	1,100 00	
Hydrant service,	225 00	
Fuel and light,	1,000 00	
Maintenance, buildings and grounds,	450 00	
Other expenses,	260 00	
	—————	\$16,985 00

I would recommend, also, that the unexpended balance from the new motor apparatus account be transferred to the regular fire department appropriation and this amount be used to pay for repairs to the Pope Hartford machine.

It will be noted that an appropriation is called for to cover the wages of the call force from May 1, 1917, to December 31, 1917. This is explained by the fact that it has been the custom in the past to pay the Call Men on May 1st for the year ending this date. The 1916 appropriation, therefore, covered the amount due the members from May, 1915, to May, 1916, but did not include the balance of the year. It is now necessary to call for an appropriation for the balance of the year 1916, as well as the full year of 1917, so that the pay of the men will agree with the financial year of the town.

I would recommend, therefore, a total appropriation of \$17,-485.00 and the unexpended amount from the special motor apparatus account.

### FIRE PREVENTION.

The co-operation of the citizens is earnestly requested in all matters that will assist in the prevention of fires. Inspec-

tions by members of the department are made at regular intervals, but the citizens themselves must give careful attention to the removal of rubbish and other accumulations of waste material in which fires are liable to occur. There are many old and deserted buildings throughout the town serving no good purpose, which offer excellent material for a serious conflagration. During the past year, the department has been called many times to one building in particular, which is of no value except as kindling wood, and which showed unmistakable signs of having been set. The citizens will realize, of course, that when the department is attending needless calls of this nature, the rest of the town is without the protection of the apparatus called on this alarm. The attention of the citizens is also called to the number of false and needless alarms that have happened during the year. Many of the false alarms are but foolish pranks of mischievous boys, who apparently delight in seeing the department respond, but if the citizens would lend their assistance when the alarms occur, it is believed this evil would very soon be corrected.

#### RECOMMENDATIONS.

The purchase of the new motor apparatus will add in a large degree to the efficiency of the department, and with the horse drawn equipment, which will be retained in service, is expected to provide sufficient protection to the town for some time to come.

The chassis upon which will be mounted the chemical tanks from the horse drawn truck, however, will be provided with proper gears, etc., to accommodate a pump of about 350 gallons capacity, and the purchase of this pump at a cost of about \$750, installed, is recommended by the Commissioner, although not called for in this year's appropriation. This combination would provide another pumping engine at a nominal cost and one that would be of valuable service to the town.

It will be necessary within a short time to replace the present wood floor at the Central Station with concrete to meet the requirements of the State law.

The fire alarm apparatus should be housed in a fire-proof building. While we have an excellent arrangement in the Central Station, it is not a fire-proof installation, and the Insurance Exchange will require same to be located in a fire-proof structure before the town can expect much of a reduction in the insurance rate.

The establishing of a set of building regulations is sincerely recommended. The town has been exceedingly fortunate as regards serious conflagrations, but this condition cannot forever continue, and serious thought should be given to the subject.

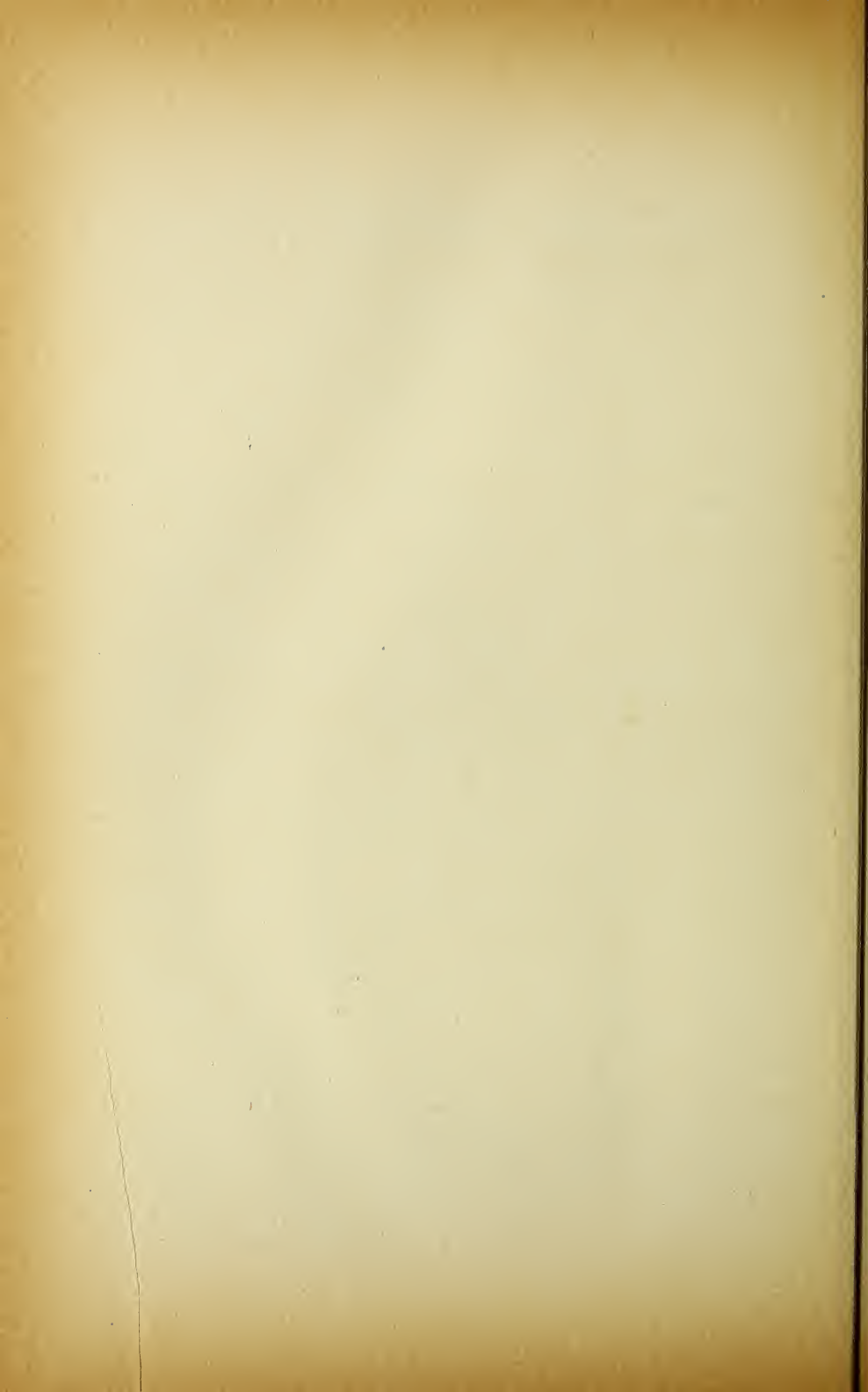
#### CONCLUSION.

The members of the present Fire Department organization have accepted the new form of government in a manner that is highly pleasing to the Fire Commissioner. The rules covering the habits of the men, especially the permanent force, and those relating to loafing in quarters, and on the apparatus floor, are especially severe in view of the fact that in the past such regulations were never in order. Therefore, it is a pleasure for the Commissioner to report to the citizens that they have a department made up of individuals who can appreciate that such rules and regulations as govern the force are for the betterment of the service, and mean a department which will be capable and efficient in time of emergency.

The Commissioner appreciates the help and advice he has received from the members of the Board of Selectmen and the other departments of the town, and extends his thanks to them and to the officers and men in the organization who have assisted in the work of the department.

Respectfully submitted,

ROBERT C. HARLOW,  
*Fire Commissioner.*



TWENTIETH ANNUAL REPORT

OF THE

CHIEF OF POLICE

OF THE

Town of Plymouth

FOR THE

Year Ending December 31,

1916





## POLICE DEPARTMENT.

---

To the Honorable Board of Selectmen:—

Gentlemen: I have the honor to respectfully submit to you the following report of the Police Department for the year ending December 31, 1916.

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### ORGANIZATION.

John Armstrong, Chief.

#### *Patrolmen.*

Joseph W. Schilling, Lincoln S. Wixon, Jacob E. Peck, John Gault, George H. Bell.

#### *Constables.*

John Armstrong, Joseph W. Schilling, Lincoln S. Wixon, John Gault, Jacob E. Peck, George H. Bell, Freeman Manter, Samuel Ferguson, William E. Baker, James M. Cameron, Harrison B. Sherman, Herman W. Tower, Edward D. Dunton.

#### *Special Police Officers.*

James M. Cameron, Harrison B. Sherman, James M. Downey, Russell L. Dickson, George W. Young, Thomas W. Regan, John Bodell, James W. Lewis, John H. Geary, John B. Finney, Fred L. Sears, Charles J. Grandi, J. Murry Atwood, Nicholas Stephan, Alfred Holmes, Roscoe A. Jewell, Freeman Manter, Frank H. Cushman, Thomas J. Kennedy, Charles Webber, Harry L. Sampson, John Nauman, Valentine Peterson, John H. Morris, Michael H. McGovern.

*Fire Police.*

James M. Downey, Patrick C. Connely, Charles H. Raymond.

*Janitor and Keeper of Police Station.*

Thomas J. Kennedy.

*Special Police for Limited Territory.*

Edward F. Stranger, cemeteries and Burial Hill; Bertram H. Wilbur, Pilgrim Monument; Benjamin F. Walker, High School; William H. Raymond, Mount Pleasant School; Louis B. Howland, Pilgrim Hall; Martin W. Holmes, Burial Hill; Horace Anderson, Fresh Pond; Geoffrey D. Perrior, Eagle and Red Men's Hall; Charles F. H. Harris, South Pond; William S. Fuller, South Pond; Charles S. Pearson, G. A. R. Hall; Paul J. Smithson, Boys' Club; Ralph F. Paulding, Jabez Corner; John H. Damon, Plymouth Beach; Frank Thomas, R. B. Simmington's Estate; Ernest Ranta, R. B. Simmington's Estate; Julius Lammpi, R. B. Simmington's Estate; Otto Teitinen, R. B. Simmington's Estate; Hjahnar Yrjonen, R. B. Simmington's Estate; George A. Burgess, Mount Pleasant School.

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*Arrests by the Month.*

	Males	Females	Total
January,	38	0	38
February,	27	0	27
March,	27	3	30
April,	26	2	28
May,	30	5	35
June,	30	7	37
July,	59	2	61
August,	25	3	28

September,	38	1	39
October,	36	2	38
November,	38	5	43
December,	35	5	40
	<hr/> 409	<hr/> 35	<hr/> 444

*Business of Police Department.*

Total number of arrests,	444
Males,	409
Females,	35
Residents,	315
Non-residents,	129
Amount of fines imposed,	\$1,505.00
Number of fines imposed,	45
Appealed cases,	23
Complaints dismissed,	22
Continued,	68
Discharged,	45
Released without arraignment,	95
Place on file,	49
Probation,	42
Taunton Insane Hospital,	10
Bridgewater State Farm,	5
House of Correction,	14
Bound over to Grand Jury,	5
Suspended sentences,	4
Shirley School,	2
Walpole Training School,	1
Foxborough,	2
Defaulted,	4
Arrested for out of town officers,	5
Sherborne,	3
Total,	<hr/> 444

*Offences.*

	Males	Females	Total
Assault and battery,	43	0	43
Adultery,	3	3	6
Annoying girls on street,	6	0	6
Arson,	1	0	1
Attempting to set fire to building,	2	0	2
Bastardy,	6	0	6
Breaking and entering,	12	0	12
Begging,	2	0	2
Concealed weapons,	2	0	2
Carrying revolver,	2	0	2
Delinquent,	5	4	9
Drunkenness,	149	4	153
Disturbing the peace,	36	1	37
Disorderly house, keeping,	1	1	2
Dipsomantic,	2	0	2
Default warrant,	3	0	3
Enticing girls away from home,	2	0	2
Fornication,	0	1	1
Game of chance,	2	0	2
Giving liquor to prisoners,	2	0	2
Habitual absentee,	1	0	1
Insane,	5	4	9
Intimidation,	1	0	1
Idle and disorderly,	2	2	4
Keeping child away from school,	0	1	1
Larceny,	14	2	16
Lewdness,	0	2	2
Malicious mischief,	4	0	4
Non-support of wife and children,	16	0	16
Non-payment of taxes,	1	0	1
Neglect of children,	1	1	2
Neglected children,	3	2	5
Obtaining money under false pretenses,	2	0	2

Obtaining board under false pretenses,	1	0	1
Obstruction,	1	0	1
Peddling without a license,	4	0	4
Playing cards on Lord's Day,	4	0	4
Runaway child,	1	0	1
Receiving stolen property,	1	0	1
Stubborn child,	0	1	1
Setting fires,	4	0	4
Surrendered by bondsmen,	3	0	3
Threatening language,	4	0	4
Trespass,	3	0	3
Tramp,	1	0	1
Truants,	2	0	2
Unnatural act,	1	0	1
Undecent exposure,	2	0	2
Violating liquor laws,	30	3	33
Violating motor vehicle laws,	11	0	11
Violating town by-laws,	3	0	3
Violating probation,	2	0	2
Wayward children,	1	1	2
Watered milk,	1	0	1
	<hr/> 411	<hr/> 33	<hr/> 444
Children reported lost and found,			14
Strayed teams lost and returned to owner,			5
Doors found open and locked by night officers,			95
Nights lodging given to			7
Complaints made and investigated,			1,116

I recommend an appropriation of \$9,000.00 for the year 1917.

Respectfully submitted,

JOHN ARMSTRONG,

*Chief of Police.*



## REPORT OF CEMETERY COMMISSIONERS

FOR THE YEAR ENDING DECEMBER 31st, 1916.

The Board of Cemetery Commissioners respectfully submit their report for the year 1916, and recommendations as follows:

### OAK GROVE AND VINE HILLS CEMETERIES.

Appropriation,	\$5,000 00	
Income from Funds for care,	478 29	
Refund from insurance,	3 92	
	<hr/>	\$5,482 21

#### *Expenditures.*

Superintendent's salary,	\$705 00	
Labor and material for general repairs,		
burials, care and building of lots,	4,356 66	
Telephone,	18 25	
Tools and repairs,	101 38	
Stationery, printing and clerical serv-		
ices,	84 10	
Gypsy moths,	130 35	
Miscellaneous,	4 25	
	<hr/>	
	\$5,399 99	
Unexpended,	82 22	
	<hr/>	\$5,482 21



*Receipts.*

Sale of lots,	\$420 10	
Burials,	439 00	
Care and making of lots,	1,927 08	
Miscellaneous,	11 59	
	<hr/>	\$2,797 77

We recommend that the sum of \$5,000.00 be appropriated for the year 1917.

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SPECIAL APPROPRIATION FOR LAYING OF WATER  
PIPE IN OAK GROVE AND VINE HILLS  
CEMETERIES.

Unexpended, from 1915,	\$6 41	
Appropriation, 1916,	200 00	
	<hr/>	\$206 41

No work has been done under this appropriation.

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BURIAL HILL.

Appropriation,	\$1,000 00	
Income from Funds for care,	44 59	
	<hr/>	\$1,044 59

*Expenditures.*

General care,	\$760 46
Burials,	11 78
Care and making of lots,	50 92

Superintendent's salary,	85 00	
Police,	61 80	
Tools and repairs,	44 40	
	<hr/>	
	\$1,014 36	
Unexpended,	30 23	
	<hr/>	\$1,044 59

*Receipts.*

Care,	\$66 69	
Burials,	5 00	
	<hr/>	\$71 69

We recommend that the sum of \$1,000.00 be appropriated for the year 1917.

Some of the oldest stones upon the Hill need attention in the way of preservation and restoration, and, having in mind the added interest that is being taken in everything pertaining to the old burials, your Commissioners recommend an appropriation of three hundred dollars for this purpose.

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APPROPRIATION FOR REVOLUTIONARY MARKERS.

Unexpended from 1915,	\$62 15
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No occasion has arisen for any expenditure under this appropriation during the year.

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CHILTONVILLE, MANOMET, CEDARVILLE AND  
SOUTH PONDS CEMETERIES.

Appropriation,	\$150 00
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*Expenditures.*

Chiltonville, general repairs,	\$76 70
Chiltonville, care of lots,	5 00

Manomet, general repairs,	18 05	
Manomet, care of lots,	5 00	
South Ponds, care of lots,	3 15	
	<hr/>	
	\$107 90	
Unexpended,	42 10	
	<hr/>	
		\$150 00

*Receipts.*

Sale of lots, Chiltonville,	\$29 48	
Sale of lots, Manomet,	7 60	
	<hr/>	
		\$37 08

We recommend that \$150.00 be appropriated for the year 1917.

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SPECIAL APPROPRIATION FOR ADDITION TO  
MANOMET CEMETERY.

Appropriation,	\$475 00
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*Expenditures.*

Land, Robert McDonald,	\$175 00	
Recording deed and plan,	1 65	
Labor, clearing land,	122 26	
	<hr/>	
	\$298 91	
Unexpended,	176 09	
	<hr/>	
		\$475 00

Under the above appropriation a lot of land lying adjacent to the present cemetery upon the White Horse Road and containing approximately three acres, was purchased from Robert McDonald. The rear of this lot, which is well adapted for the purpose, connected with the present cemetery, will provide

for the requirements of this locality for many years. The lot has been partly cleared, but it will be necessary to lay out the part to be used, and build roads and fences. For this purpose we recommend an appropriation of three hundred dollars, to be added to the amount now on hand.

The Town Accountant, in his report, gives the entire list of funds for perpetual care. During the year nine funds have been established, amounting to \$975.00.

GEORGE MABBETT,  
HENRY W. BARNES,  
HORACE M. SAUNDERS,  
*Board of Cemetery Commissioners.*

## REPORT OF OVERSEERS OF THE POOR

FOR THE YEAR ENDING DECEMBER 31, 1916.

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The total appropriation for the use of this department during the year 1916, exclusive of that made for mothers with dependent children, which appears elsewhere, was \$15,432.00, to which is added \$100.08 for income at our disposal derived from certain trust funds. We have spent \$13,958.49, deducting our reimbursements of \$1,751.70 from this shows that the net cost for the year was \$12,206.79. Comparing the net cost of 1915 with that of the past year gives \$1,412.41 less money than in 1915. The number of persons aided was considerably smaller this year, but 225 altogether having outside aid, and 23 of this number were aided by other towns and cities. We attribute as the reason for the much lessened number of those aided the past year, the fact that work was to be had by everybody who was capable of work, thus eliminating all except the old, the weak, those sick, both mentally and physically, etc., who will probably always be with us.

At the Almshouse but three inmates have been added to the 13 reported on the first of January, 1916, and as two inmates were discharged during the year we have 14 as the present number. The figures for the cost of support will be found below under their proper headings. We do not have, as do many places, a large farm connected with our Almshouse, the proceeds from the sale of produce from which is used to reduce the per capita cost of the inmates, but all our available land is cultivated and the product used at the house. Our Superintendent the past season, with some hired help, supplemented by

the labor of such of the inmates as were able to labor, have grown the usual summer garden truck, also 48 bushels of nice potatoes, 40 bushels shelled corn, 11 bushels of onions, 5 bushels of rye and several barrels of cabbage, besides harvesting hay and fodder enough to winter the two cows and two heifers that are kept at present.

For use of the department for the year 1917 we recommend an appropriation of \$14,500.00.

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#### MOTHERS WITH DEPENDENT CHILDREN.

Out of the \$4,000.00 which the town voted for this branch of our department we have spent \$3,366.66, and have received from the Commonwealth as reimbursement \$1,821.91, leaving the cost to the town for this aid the sum of \$1,544.75. We now have 8 families numbering 32 children that are receiving this form of relief.

We recommend an appropriation of \$4,000.00 for use during 1917.



Receipts credited to Estimated

Receipts,	\$1,751.70	
Appropriated Jan. 15 for 1915 bills,		\$432.00
Appropriated March 25,	15,000.00	
Income from Trust Funds,		100.08
Total,		<u>\$15,532.08</u>

*Payments—*

General Administration—

Salary of Chairman,	\$50.00	
Salary of Secretary,	250.00	
Printing, Stationery and Postage,	16.30	
All Other,	23.84	
Total General Administration,	<u>          </u>	\$340.14

Alms-house—

Salary of Superintendent,	\$611.09	
Other Salaries and Wages,	855.15	
Groceries and Provisions,	1,557.65	
Dry Goods and Clothing,	221.30	
Building,	292.07	
Fuel and Light,	763.24	
Equipment,	117.25	
Hay and Grain,	732.33	
All Other,	238.82	
Total Alms-house,	<u>          </u>	\$5,388.90

Outside Relief by Town—

Cash,	\$1,350.75	
Rent,	1,231.00	
Groceries and Provisions,	3,129.20	
Coal and Wood,	668.00	
Medical Attendance and Medicine,	639.65	
Burials,	85.00	
State Institutions,	203.14	
Other Institutions,	95.72	
All Other,	89.34	
Total Outside Relief,	<u>          </u>	\$7,491.80

Relief Given by Other Cities		
and Towns,	735.00	
All Other Expenses,	2.65	
Total Payments,	<hr/>	\$13,958.49
Balance to Excess and Deficiency,		<hr/> \$1,573.59

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MOTHERS' AID.

Receipts Credited to Estimated		
Receipts,	\$1,821.91	
Appropriation,		\$4,000.00
<i>Payments—</i>		
Cash,	\$3,186.50	
Rent,	102.10	
Fuel,	52.25	
Medical Attendance,	16.00	
All Other,	9.81	
Total Payments,	<hr/>	\$3,366.66
Balance to Excess and Deficiency,		<hr/> \$633.34

CHARLES A. STRONG,  
WILLIAM T. ELDRIDGE,  
HERBERT W. BARTLETT,

*Overseers of Poor.*

## ASSESSORS' REPORT

FOR THE YEAR ENDING DECEMBER 31, 1916.

Apr. 1. Personal property as-		
essed,	\$3,989,820 00	
Dec. 20. Personal property as-		
essed,	24,125 00	
Apr. 1. Real property assessed,	11,278,475 00	
Dec. 20. Real property assessed,	600 00	
	<u>                    </u>	\$15,293,020 00
Exempted, Clause 9, 10, 14, R. L.,		101,825 00
		<u>                    </u>
Available for taxation,		\$15,191,195 00
Buildings assessed,	\$7,349,325 00	
Land assessed,	3,929,750 00	
Personal assessed, excluding		
resident bank stock,	3,794,625 00	
Personal assessed, resident		
bank stock,	219,320 00	
	<u>                    </u>	\$15,293,020 00
Buildings exempted, Clause 14,		
R. L.,	\$43,125 00	
Land exempted, Clause 14, R. L.,	9,575 00	
Buildings exempted, Clause 9 and 10,		
R. L.,	33,900 00	
Land exempted, Clause 9 and 10,		
R. L.,	15,225 00	
	<u>                    </u>	\$101,825 00
		<u>                    </u>
		\$15,191,195 00

Rate, \$18.40 on \$1,000.00,		
Tax on personal,	\$ 73,856 59	
Tax on real,	205,661 40	
Tax on polls,	7,146 00	
	<hr/>	\$286,663 99
Gain on personal,	\$148,330 00	
Gain on real,	743,250 00	
	<hr/>	\$891,580 00
State warrant,	\$24,080 00	
State warrant, highway,	1,824 35	
County warrant,	17,052 05	
County warrant, Gurnet Bridge,	325 50	
Town warrant,	240,210 84	
Overlay,	2,555 35	
	<hr/>	\$286,048 09
Non-Resident Bank Tax,		4,746 83
Moth,		575 54
Street Railways Excise Tax,		636 96
Reassessed,		82 96
Additional Dec.		532 94
		<hr/>
Warrants to Collector,		\$292,623 32

*Property Exempt from Taxation.*

Charitable, literary, etc.,	\$619,282 00
County of Plymouth,	350,250 00
Commonwealth of Massachusetts,	32,050 00
Houses of religious worship,	317,850 00
Town of Plymouth,	917,550 00
United States of America,	90,000 00
Individuals assessed on property, residents,	1,870
All others assessed on property, residents,	624
Individuals assessed on property, non-residents,	783
All others, assessed on property, non-residents,	121
Persons assessed on property,	3,398

Persons assessed on poll only,	2,471
Persons assessed on poll and property,	5,869
Polls assessed,	3,572
Polls exempt, Clause 14, R. L.,	16
Polls and property exempt, Clause 14, R. L.,	32
Polls exempt, Clause 9 and 10, R. L.,	17
Polls and property exempt, Clause 9 and 10, R. L.,	13
Horses,	604
Cows,	437
Neat cattle,	21
Sheep,	54
Swine,	12
Fowl,	4,700
Dwelling houses,	3,241
Acres of land,	50,269

*Abatement Account.*

1914. Levy.	
Dec. 31, 1915. Undrawn,	\$1,923 93
Dec. 30, 1916. Abatements,	1,025 71
	<hr/>
	\$898 22
1915. Levy.	
Dec. 31, 1915. Undrawn,	\$4,823 90
Dec. 30, 1916. Abatements,	57 15
	<hr/>
	\$4,766 75
1916. Levy.	
1916. Overlay,	\$2,555 35
Dec. Added (reassessed.)	82 96
	<hr/>
	\$2,638 31
Dec. 30. Abatements,	563 14
	<hr/>
	\$2,075 17

*Reserve Fund.*

Dec. 31, 1915. Undrawn,	\$2,170 08
Dec. 1916. Added,	8 92
Dec. 20, 1916. Additional assessment,	532 94
Dec. 30, 1916. Undrawn balance, Levy 1914,	898 22
	<hr/>
	\$3,610 16
Mar. 1916. Voted at the Annual Town Meeting,	
to apply to Levy of 1916,	\$2,100 00
	<hr/>
	\$1,510 16

We recommend an appropriation for services and expenses of the assessors for the year 1917, the sum of (\$2,800.00) twenty-eight hundred dollars. Also the sum of (\$1,000.00) one thousand dollars to continue the survey and plan of the town. We also recommend that the sum of (\$1,400.00) fourteen hundred dollars of the reserve fund to be applied to Levy of 1917.

JAMES C. BATES,  
GEORGE HARLOW,  
NATHANIEL G. LANMAN,  
*Assessors.*



## BOARD OF HEALTH.

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To the Honorable Board of Selectmen and the Citizens of Plymouth:

We submit herewith a summary of the work of the Board of Health for the year ending December 31, 1916.

The last report of the Board dealt largely with the requirement governing the sale and production of milk and the new law compelling the Board to provide a suitable dispensary for the treatment of tuberculosis.

The problems concerning both these subjects, at least so far as legal requirements existing at the last Town Meeting, have been satisfactorily met, although more and more is constantly being exacted both by the Commonwealth and progressive local public opinion.

The work of dairy inspection has been carried on in an efficient manner by Walton E. Briggs who was appointed Milk Inspector by the Board eight months ago. In our opinion, he has earned not only his salary but the respect of the dealers and producers with whom he has worked to improve conditions under which milk is produced and distributed.

A recent Act of the Legislature (1916), seems to make it necessary not only for the Board to inspect places of milk production, but the product itself. This means that the work of the Inspector will greatly increase, and the cost for apparatus will be considerable, probably not less than \$150.00 if fat and sediment tests are made and from \$350.00 to \$500.00 for necessary implements and supplies for bacteriological tests, while the salary item would also be materially increased.

The Board firmly believes that all the above methods of inspection will eventually be adopted and that it is largely a question of funds available as to whether all the expense is

incurred this year or only a beginning made. We recommend to the voters of the Town the complete report of the Inspector of Milk for their careful consideration and such appropriation for the purposes therein set forth as may be spared in view of the demands of other departments of the Town.

The work of arresting and curing cases of tuberculosis through the medium of a local dispensary has been carried on during the past year according to both the letter and the spirit of the requirements of the Commonwealth.

The rooms in the Governor Bradford Building used for the work, have been open each week Thursday forenoon and evening, except Thanksgiving Day.

According to Dr. J. Holbrook Shaw, the physician in charge, the total number of visits for examination have been one hundred thirty-eight. There are now six patients under observation and treatment, and five patients in Sanatoria; one each in the State Sanatoria at Lakeville and Westfield, one in Dr. Millet's Sanatorium in East Bridgewater, one in the House of the Good Samaritan in Boston, and one in the Huntress House, Rutland, Massachusetts.

The nurse has made visits when necessary and given much useful information and advice besides making arrangements relative to removal of patients to hospital and sanatoria.

The report of the Town Accountant shows in detail the expense of the Department.

During the past year Michael D. Welsh and Arthur A. Sampson have continued to act as Inspectors of Plumbing, and their reports submitted to the Board, show a total of one hundred thirty-eight permits granted for plumbing work and one hundred ninety-six inspections made. Of the number of permits one hundred sixteen were for work in old buildings and twenty-nine in new buildings.

Inspector Freeman Manter reports fumigation by direction of the Board in fifteen cases of scarlet fever, twenty-seven of diphtheria, six of tuberculosis and fifteen other cases of fumi-

gation, also that he has examined the bill of health and general condition of eight vessels from foreign ports as well as attended to all complaints, some two hundred in number, made or referred to him by the Board or individuals.

During the past year the general methods of taking care of rubbish and waste matter has remained unchanged. A man has been employed constantly at the public dump and substantially all the refuse and waste matter have been burned daily.

The Obery dump is now temporarily closed, as the Park Commissioners desired to secure filling material for the Stevens Playground site, while the Standish Street dump supplies a convenient place for people in the north end, and has made unnecessary the use of the \$200.00 voted the Board for a dumping site. We, therefore, recommend that the same be refunded to the Town.

There has been a total of 268 cases of contagious disease as compared with 158 cases of the year 1916.

The following tabulation from the records of the Board will show the contagious disease most prevalent during each of the past twelve months.

	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Diphtheria	7	4	13	1	1	5					1	1	33
Measles	40	38	69	29	4								180
Scarlet Fever		1	2	7		2				1			13
Tuberculosis, Pulmonary	2	1	3	1	1	5	2	3			3		21
Tuberculosis, other forms	1			2	1		1						5
Typhoid		1						2		2			5
Ophthalmia					1								1
Trachoma	1					1							2
Chicken Pox							1						1
Anterior Poliomyelitis							1						1
German Measles											2		2
Whooping Cough											1		1
Septic Sore Throat										3			3

Total Cases, 268

Thirty cases have been reported as indigent, nine of these were tubercular, eleven were infected with diphtheria, four had scarlet fever, four measles, one ophthalmia and one child was held in quarantine because of suspected infantile paralysis. In this last case the Board was obliged to bear the expense because of holding the same for fuller developments, which fortunately proved the case harmless in so far as public health was concerned.

In the twenty-nine other cases whatever was necessary for the well being of the patient has been furnished by the Board. In such cases wherever a settlement could be determined in other cities or towns of the Commonwealth or where visible means of maintenance have been found at some later date, reimbursement has been demanded and in most cases secured for any expense incurred in the care of the affected individual.

On July 27, 1916, one positive case of infantile paralysis was reported at White Horse Beach. By advice of the Board the case was removed within a few hours to Worcester, traveling by way of a motor ambulance; the house was immediately disinfected and no other case was reported during the year.

It was about this time that the alarming increase of the disease throughout the whole Commonwealth made it necessary to establish a watch on all incoming travel.

Through the courtesy of the Police Department, officers were at hand at all in-coming trains and boats and no person accompanied by children was allowed to enter the Town without making themselves known and their destination. Returns were made daily to the Health Department and watch was kept on new arrivals for a period of two weeks.

In all cases of the more dangerous contagious disease quarantine has been enforced as in the past.

Infected individuals, in so far as the Board has been able, have been removed to the Jordan Hospital. Here most excellent facilities have been provided for their proper quarantine and treatment.



Disinfection has been carried out under the personal supervision of an experienced officer, no second infections have been reported and the work for the year has been satisfactory to the Board.

The various serums and vaccines have been furnished throughout the year to physicians free on request. Cultures, blood and sputa have been received for examination and accurate reports have been furnished the local physicians in a minimum time from the State Laboratories.

On two occasions it has been necessary to summon an expert consultant. Once a suspected case of smallpox made its way into the Jordan Hospital and at another time, a case believed to be typhus fever was discovered in a block at the North End.

In view of the present needs of the Board we recommend an appropriation of \$8,500.00, of which sum \$1,000.00 is to be used to buy the necessary apparatus for, and the carrying on of, milk inspection work.

Respectfully submitted,

GEORGE H. JACKSON,

FREEMAN MANTER,

HARRY R. TALBOT,

*Board of Health.*

## REPORT OF PARK COMMISSIONERS.

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The various parks of the town have been cared for as usual and improvements have been made to a great extent in several places.

In Morton Park a variety of trees and shrubs have been planted to take the place of the old growth of oak now existing but which is fast dying out.

The bath house at Nelson Street, and especially the one at Beach Park have been very much appreciated.

The \$200.00 which was appropriated for the improvement of the Indian Land at Manomet has been expended by putting a new fence around the Indian burying ground and cleaning up the underbrush, etc., on a greater part of the land there owned by the town.

Your Park Commissioners still insist on asking for an appropriation of \$1,000.00 for granolithic walks on Training Green, and trust this may meet with the approval of every voter interested in public improvements at our next Town Meeting.

A new fence has been erected around a portion of the Stephens Field Playground and arrangements have been made with the Board of Health to have the public dump there, thereby giving the town the benefit of every load of good filling material that has usually gone to waste.

We believe that in a few years hence this will be one of the most desirable locations the town has on its shore frontage.

We ask for the ensuing year an appropriation of \$1,150 for parks, \$250 for care of Beach Park Bath House, \$150 for care of Nelson St. Bath House, \$200 for care of Training



Green, \$1,000 for granolithic walks on Training Green. Also the unexpended balance of \$90.98 left over from last year's appropriation for Stephens Field Playground to be used for drain pipe, labor, etc.

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REIMBURSEMENTS

Beach Park Bath House, 1916,	\$186 70	
Nelson St. Bath House, 1916,	39 93	
	<hr/>	\$226 63
Appropriation, 1916,	\$1,900 00	
Income from Morton Fund, 1916,	101 25	
Appropriated from Reserve,	15 59	
Total,	<hr/>	\$2,016 84

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PAYMENTS

*Park Department.*

General,		
Salaries and wages,	\$1,094 96	
Teams,	188 14	
All other,	313 58	
Bathing Beaches,	420 16	
	<hr/>	
Total payments,		\$2,016 84

*Training Green.*

Appropriation,	\$200 00	
Salaries and wages,	168 90	
Teams,	6 00	
All other,	8 00	
	<hr/>	
Total payments,		\$182 90
Unexpended,		<hr/> \$17 10

*Stephens Field Playground.*

Appropriation,	\$300 00
Total payments,	\$209 02
	<hr/>
Unexpended,	\$90 98

Respectfully submitted,

BENJ. F. RAYMOND,

JOHN RUSSELL,

*Park Commissioners.*

## GYPSY AND BROWN TAIL MOTH ACCOUNT

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### *Dr.*

Jan. 15., appropriation for 1915 bills,	\$ 5 66
March 25, appropriation,	5,000 00
	<hr/>
	\$5,005 66

### *Cr.*

Superintendent,	\$649 50
Labor,	2,710 80
Horses and truck,	756 60
Insecticides,	719 25
Hardware and tools,	71 23
Telephone,	28 52
Miscellaneous,	69 62
Balance unexpended,	14
	<hr/>
	\$5,005 66

During the past year, the work of this department, aided by the natural enemies of the Gypsy Moth, (including the imported parasites, especially the Calosoma Beetle) has served to greatly reduce the moths in many badly infested localities. This is particularly true in sections that have been infested longest. The beetle mentioned above was first liberated in Plymouth in 1911, on the estate of B. M. Watson. Only twenty-one beetles and one hundred and thirty-five beetle larvæ were liberated, and now the beetle is so abundant over the entire town that it is noticed by many residents who are familiar with its appearance and methods of destroying the Gypsy.

The usual amount of creosoting has been done, and spraying carried to the limit, with good results considering the poor season for this work. Several miles of roadside have been cleaned between Bourne and Plymouth, which makes it much easier to cope with the moth situation, and also makes a fire guard.

The work of the department together with the different parasites and fungus disease have put the Browntail Moth nearly out of commission. It is necessary, however, that aggressive methods be continued in order to keep the pests under control.

I wish to thank the property owners for their much needed aid in this work.

I respectfully recommend an appropriation of \$5,000.00 for labor and supplies for this department for the ensuing year.

A. A. RAYMOND,  
*Moth Superintendent.*

## TREE WARDEN.

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To the Honorable Board of Selectmen:

I hereby submit the report of my department for the year ending December 31, 1916.

*Dr.*

To appropriation, Jan. 15, for 1915 bills, \$22 90

To appropriation, March 25, for 1916, 1,200 00

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Total, \$1,222 90

*Cr.*

By salaries and wages—

Tree Warden, \$368 25

Labor, 388 65

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Total, \$756 90

By other expenses—

Teams, \$220 34

Hardware and supplies, 59 37

Insecticides, 147 50

Trees, 3 50

Telephone, 22 10

All other, 13 18

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Total, \$465 99

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Total payments, \$1,222 89

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Balance to excess and deficiency, \$ 01

The shade trees of the town have been properly taken care of, dead limbs removed and otherwise trimmed and branches

thinned out wherever it was necessary for the benefit of such trees.

Several trees have been removed which were practically dead or had become a source of danger to public travel.

The spraying was done as usual for the elm beetle and other insects; however, there has been more or less evidence on some of the trees this season of the egg clusters of the gypsy moth, but precaution has been taken by treating the same with creosote which will prevent any further infestation which might injure the trees or otherwise become a nuisance. Dead limbs are constantly appearing in most all of the trees, especially the older ones: There are many such limbs at the present time which will have to be cut out and also cavities to be filled with cement.

In conclusion I respectfully recommend an appropriation of \$1,200.00 for the ensuing year.

CALVIN S. MIXTER,  
*Tree Warden.*



## REPORT OF FOREST WARDEN.

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To the Honorable Board of Selectmen:

I submit the following report for 1916:

Fewer fires occurred in 1916 than for a number of years past. Less than 50 acres were burned over and these consisted mostly of underbrush; no real damage was done. Not a single railroad fire was reported during the year. A large fire in Bourne in May was reported as coming toward Cedarville and word was sent to this town for help. Several teams and automobiles were sent with men at an expense of \$70.00. That amount was later collected from the town of Bourne and placed in the contingent fund. The fire tower which was built in 1908 and was thought to be in an unsafe condition has been thoroughly overhauled and repaired, all rods and bolts being replaced with new ones. It has been twice broken into and smashed up by hoodlums. That and other repairs amounted to over \$400.00. The total expenditures have been \$1,479.06, leaving a balance on hand of \$1,020.94. The accidental death of D. Edson Raymond last May was a decided loss to this department. He was one of the most interested and energetic of the Deputy Wardens and his loss is deeply regretted.

I recommend an appropriation of \$2,500.00 for the present year.

Respectfully,

IRA C. WARD,

*Forest Warden of Plymouth.*

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### *List of 1916 Deputy Forest Wardens.*

F. L. St. George, L. B. R. Barker, W. F. Doten, Wallace J. Miles, A. A. Raymond, John F. Raymond, Elmer Raymond, J. W. Churchill, B. Hedge, E. P. Bartlett, J. W. Hazen, J. H. Nixon, B. F. Raymond, Geo. W. Douglass, Seth C. C. Finney, Aaron Sampson, Henry Ware.

## SEALER OF WEIGHTS AND MEASURES.

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To the Honorable Board of Selectmen:

Gentlemen: In compliance with the public statutes I herewith submit my report for 1916 as Sealer of Weights and Measures.

### *Property of the Town in the Department.*

One brass beam scale and cabinet.

One each 50-lb., 25-lb., 20-lb., 10-lb., 5-lb. weights, nickel.

One each 4-lb., 2-lb., 1-lb., 8-oz., 4-oz., 1-oz.,  $\frac{1}{2}$ -oz.,  $\frac{1}{4}$ -oz., 1-6-oz., brass.

Dry measures,  $\frac{1}{2}$  bushel, 1 peck,  $\frac{1}{2}$  peck, 2 quarts, 1 quart, iron.

Linear measures, one steel tape, one yard measure, steel, one yard measure, brass.

### Working Set.

Nineteen 50-lb weights, iron; 4-lb., 2-lb., 1-lb.,  $\frac{1}{2}$ -lb., 4-oz., 2-oz., 1-oz.,  $\frac{1}{2}$ -oz.,  $\frac{1}{8}$ -oz.

Dry measures,  $\frac{1}{2}$  bushel, 1 peck,  $\frac{1}{2}$  peck, 2 quarts, wood.

Liquid measures, one 5-gallon, one 3-gallon, one 2-gallon, one 1-gallon, one 2-quart, one 1-quart, one pint, one  $\frac{1}{2}$ -pint.

One portable balance with case.

One hanger weight, nickel.

One sealer's case with tools.

One hand press seal.

One sealing clamp.

Wire and paper seals, rubber stamp, marking acid, record book, steel alphabet dies and safe.

*Scales, Etc., Tested.*

	Scaled	Adjusted	Condemned
Platform scales over 5,000,	12	1	
Platform scales under 5,000,	145	14	1
Counter scales,	61	1	
Beam scales,	21		
Spring balance,	126	5	
Computing scales,	26	2	
Avoirdupois weight,	884	145	
Apothecaries' weights,	40	2	14
Dry measure,	13		8
Milk jars,	112		12
Ice cream cans,	12		
Cartons,	142	2	
Yard sticks,	16		

	Correct	Under	Over
Coke and charcoal in bags, tested,	250	210	13 27
Coal in wagon, tested,	10		1 9
Reweighed 120 loaves of bread,	120		9 111
Reweighed packages in stores,	483	27	65 294
Funds collected and turned in to the Treasurer,			\$128 20

I recommend an appropriation of \$800.

F. L. ST. GEORGE,

*Sealer of Weights and Measures.*

## HARBOR MASTER'S REPORT.

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To the Honorable Board of Selectmen:—

Plymouth, Mass.

There has been very little trouble with the visiting yachts during the past season. The dredging of the two basins gives ample room for barges and other vessels to come to our docks and most of the boats anchor a reasonable distance from the wharves. A few have had to be instructed to move off shore. There have been no complaints from Captains of tugs docking their barges although it has occasionally been close work.

I think marking the edge of the dug basin with bush stakes for the coming season would be an improvement.

Respectfully submitted,

ALFRED HOLMES,

*Harbor Master.*

## REPORT OF SUPERVISOR OF SHORES.

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To the Honorable Board of Selectmen,  
Plymouth, Mass.

I herewith submit the following report:

The clam industry has been very prosperous during the past year and it is safe to say fully 33 per cent. better than in 1915. The prospects for 1917 are very encouraging. The large clams have been thinned out along the shores but there is a good set of small clams which will be large enough to dig for the summer trade.

The following is an estimate as far as I can figure it of the clam business for the year 1916:

Shipped out of town, bushels,	3,074
Public and private use in Plymouth, bushels,	5,788
Total,	8,862

This I consider a low estimate of the clams taken from the shores and flats.

The State Fish and Game Commission estimate 5,000 bushels dug during the year 1879.

Respectfully submitted,

ALFRED HOLMES,

*Supervisor of Shores and Flats.*



## REPORT OF INSPECTOR OF ANIMALS.

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On January 27, 1916, the inspectors of animals of the different towns in Massachusetts were requested to begin the inspection of cattle and other animals in their respective towns, for any contagious disease.

In the town of Plymouth one hundred and forty-six stables were inspected and we found 431 head of cows, 125 young cattle, 131 sheep, 20 bulls, 8 oxen, 290 swine.

The following questions were asked and answered in regards to each stable.

1. Do cattle appear healthy?
2. Are they kept clean?
3. Do other animals appear healthy? .
4. Is stable on ground floor, over cellar, or in basement?
5. Has it proper space for stabling the above number of cattle?
6. Has it proper drainage?
7. Has it sufficient ventilation?
8. Has it sufficient light?
9. Is stable clean, unclean or filthy?
10. Where is manure kept?
11. Is quality of drinking water good or bad?
12. Do cattle have separate feed troughs or one general trough?
13. Has tuberculosis been located in this stable since the last yearly inspection?
14. If so, has stall been properly disinfected?
15. Have any improvements been made since the last yearly inspection?
16. If so, of what nature?



During the year 1916 ten cows have been condemned and killed as suffering from tuberculosis.

The conditions of most stables have shown an improvement in many respects the past few years, but there are still some where much improvement would be appreciated.

FREDERICK H. BRADLEY,

*Inspector.*

## REPORT OF INSPECTOR OF SLAUGHTERING

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During the past year the following number of animals were slaughtered and examined for food in the town of Plymouth:

	Pigs	Cattle	Calves	Lambs
January,	88	4	4	
February,	33	4	8	1
March,	33	3	8	
April,	27	1	18	
May,	13		5	3
June,	17	6	19	4
July,	10	2	5	4
August,	9	2	4	1
September,	22	3	1	2
October,	47	4	5	1
November,	116	9	4	7
December,	84	4	3	6
Totals,	499	42	84	29

There have been two head of cattle condemned as unfit for use, also two pigs were condemned and disposed of according to law.

We have appointed the following days for slaughtering the past year.

Mondays and Thursdays,	In centre of the town
Tuesdays,	At Manomet
Fridays,	At Long Pond and Outlying districts
Saturdays,	At the North part of the town

The Town is still in need of a slaughter house in the centre

of the town, where good sanitary arrangements could exist, and have all the slaughtering done there for the town; there also should be a small place for slaughtering at Manomet, and all from that section use it.

At the present time, the slaughtering is conducted here in places far from suitable in any way for the business, and in many instances pigs, etc., are killed under trees and in barns.

It would be much better to have two central points and have slaughtering done there, it could be done quicker, much easier, much more cleanly than at present, and much more pleasant for everybody connected with the slaughtering.

FREDERICK H. BRADLEY,

*Inspector of Slaughtering.*

## REPORT OF INSPECTOR OF MILK

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To the Honorable Board of Health:

I respectfully submit my report as Inspector of Milk for the year ending December 31, 1916.

No Inspector of Milk having been previously appointed, the work of milk inspection had been under the charge of the Board of Health. At the time of my appointment there were fifty-two known producers of milk, who had been granted permits under the law, Chapter 216, Acts of 1907, as follows:

“It shall be unlawful for any producer of milk or dealer in milk to sell or deliver for sale in any city or town in the Commonwealth any milk produced or dealt in by him without first obtaining from the board of health of such city or town a permit authorizing such sale or delivery. Said boards of health are hereby authorized to issue such permits after an inspection, satisfactory to them, of the place in which, and of the circumstances under which such milk is produced, has been made by them or by their authorized agent.”

My first work was to inspect and score these dairies according to dairy inspection score-card of the United States Department of Agriculture. Conditions were found for the most part good, but in many cases faulty methods of handling the milk appeared, and suggestions were made to the producers as to means of improvement.

During this first work of inspection new applications were continually received from small producers who had been ignorant of the law, and there are now under inspection one hundred and two stables in Plymouth and vicinity. In a number of cases the recommendation for a permit was withheld until

a thorough cleaning up had been made. One application was refused because of the impossibility of making clean milk on the premises inspected.

Out of the total number of stables furnishing Plymouth's milk supply, seven are in Kingston, nine in Plympton, two at Island Creek and one at Green Harbor. The inspection for these out of town dairies is of special importance, as the milk is generally collected in cans under conditions which greatly serve to increase the risk of contamination, and careful attention should be given to milk from these sources.

During the eight months covered by this report, there have been made a total of one hundred fifty-five inspections. Thirty-seven stables have been inspected twice, six three times, and one four times. As a result of these inspections there has been a marked improvement of equipment and methods. Besides the general cleaning up, two stables have been entirely reconstructed, and four others have been remodelled. In one case an open pig-pen in the stable, less than five feet from the milker, has been removed to a distance of sixty feet, and in two other cases where pig-pens were close by, the stable has been screened to prevent contamination of the milk by flies from that source. In another case, a privy has been moved from a position near the stable to a safer place some forty feet away. The milk producers have in nearly every instance shown the heartiest cooperation in making things better. The present condition of stables and surroundings is fairly good and will continue to improve.

A tabulation of the scores shows that eighty producers score between 50 and 60%, fourteen between 60 and 70%, six between 70 and 80%, and two between 80 and 90%. In explanation it should be said that, except in large dairies where construction is of very modern type, a score of 70% is considered exceptional, and from 60 to 70% is thought very satisfactory. The Plymouth regulations require a minimum of 50%, and it is thought that safe milk can be made by careful producers in stables reaching this score.



The State Law, Acts of 1909, Chapter 443, requires that no person, partnership or corporation, except a producer selling milk to other than consumers, or not to exceed twenty quarts per day to consumers, shall deliver, exchange, expose for sale or sell or have in his custody or possession with the intent to deliver, exchange, expose for sale, or sell any milk, skimmed milk or cream in any city or town in which an inspector of milk is appointed, without obtaining from the inspector of milk of such city or town a license. "Under this law there have been issued forty-eight licenses, out of which thirty-one are to producers, and seventeen to stores or markets. Under the board of health regulations, eleven restaurants and hotels have been licensed to sell milk. All of these licenses are subject to inspection as to methods and conditions of storage and sale.

Under the Revised Laws of Massachusetts, Chapter 56, Section 40, six dealers in oleomargarine have been registered.

Thus far the chief work of milk inspection has been in the improvement of conditions under which milk is produced and distributed. I believe that it is now time to go further and give regular and careful attention to the milk itself. Milk is practically the only important food that is consumed in a raw state. If bacteria exist in an ordinary food, they are killed by the process of cooking. A large proportion of the milk used is uncooked, and so it is imperative to keep bacterial contamination as small as possible. To do this requires frequent tests of the milk, and constant suggestion to producer and consumer. Chapter 228 of the Acts of 1916 requires that in addition to the inspection of dairies, there shall also be an inspection of the milk produced in these dairies before a producer's permit is granted. If this statute is to be adequately fulfilled, there is required a certain amount of bacteriological apparatus and supplies. I have had an estimate prepared by a leading dealer in such material, and after eliminating any apparatus that is unnecessary for present needs, and selecting



the most inexpensive type that is of practical value, I believe that a sum of five hundred dollars will be sufficient to equip and maintain for a year a small laboratory for simple bacteriological examination of milk. I recommend that this sum be appropriated.

Respectfully submitted,

WALTON E. BRIGGS,

*Inspector of Milk.*

Plymouth, Mass., January 19, 1917.

## REPORT OF PLANNING BOARD.

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In compliance with the requirements of the act providing for the establishment of local planning boards by cities and towns (Chapter 494, Acts of 1913), the Planning Board submits its report to the annual Town Meeting.

The attention of the Board has been directed during the year particularly to two matters.

1. Under the provisions of the act it was made its duty to make plans for the development of the municipality, with special reference to the proper housing of its people.

The Board has caused to be made under the direction of the Town Engineer a large plan covering the section of the Town between the Kingston line and Jabez corner, showing all the existing street lines, and by reference to the other town plans, in the office of the Town Engineer, it is possible to determine readily what territory within that limit is now available for building purposes.

An examination of those plans shows that the largest unoccupied tract within the limits of that section of the town, available to the street railway and with possibilities of water and sewerage, is the tract of land lying westerly of Sandwich street, and between the Obery road and Mt. Pleasant street.

To determine the present need for the laying out of additional streets, in order to secure additional building lots, the Planning Board had a conference with all the real estate agents having offices in the town. It appears from such statements as were made to the Board by the resident agents that the time had not come when it was necessary for the Town to lay out additional streets, in view of the fact that there were numerous

lots, available for building purposes and now upon the market for sale. A private enterprise is now engaged in the opening up of lots for building purposes, and the Board is informed that in the northerly part of the town there is a single tract where streets are being laid out which will furnish approximately seventy-five building lots.

2. Under the general authority of the Board to make plans of proposals for the development of the Town, the Board has considered the improvements made necessary on Sandwich street, between Lincoln street and Howes lane. As a result of the widening by the State Highway Commission of Warren avenue, there is left a jog of about nine feet on Sandwich street, on the northerly side of Howes lane. The widening, by the County Commissioners, of Sandwich street to Lincoln street, leaves a jog on the southerly side of Lincoln street of eighteen feet.

Careful treatment of the improvements which seem imperatively necessary at those points, to remove the existing unsightly and dangerous conditions, must involve a consideration of the subsequent widening of Sandwich street to its entire extent, between Lincoln street and Howes lane.

The Planning Board have caused to be prepared by the Town Engineer a plan showing a possible widening between the above mentioned streets, which will give a substantially uniform width of fifty-seven feet through its entire extent.

The Board does not recommend at the present time that the entire work be entered upon, but have submitted their plans to the Selectmen, and suggested that they widen Sandwich street on the easterly side, from Lincoln street southerly to a point nearly opposite the Brockton & Plymouth Street Railway car barn, and from Howes lane northerly to a point near the property of Alonzo Blackmer. These two widenings are part of the general plan and if carried out in accordance with these recommendations, the entire plan, of which these two widenings form a part, can be completed later.

The estimated cost of the complete widening of Sandwich street, between Lincoln street and Howes lane is \$45,000, but for that portion of it which appears to be immediately necessary, namely, from Lincoln street to the Brockton & Plymouth, and from Howes lane to Alonzo Blackmer's property, the estimated cost is \$13,000.00.

The Planning Board advise that the above widenings of Sandwich street, if reported by the Selectmen, be accepted by the Town. We recommend an appropriation of \$100, for the ensuing year.

ARTHUR LORD, Chairman,  
GEORGE MABBETT,  
LEBARON R. BARKER,  
FRANK C. HOLMES,  
ARTHUR E. BLACKMER, Sec.

## REPORT OF TOWN ENGINEER

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To the Honorable Board of Selectmen:

I herewith submit the first annual report of the Town Engineer.

During the year, surveys and plans have been made as follows: Strand Avenue and Circuit at Manomet were laid out by the Selectmen and accepted by the Town at the annual March meeting. There was laid on Water street extension about 2000 feet of 12 inch and 10 inch sewer for which grades have been given, and of which a profile is on file at the office. On Standish Avenue, 500 feet of 8 inch sewer was laid, and on Brookside Avenue 510 feet of 8 inch, for both of which pieces of work grades were furnished. Plans and profiles of this work show grade and line.

Another piece of work of some importance was setting stone bounds of standard type to replace in some cases old bounds without drill holes for centers and in other cases to mark corners where no bounds had ever been set.

This bound, which I call a standard bound is 4.0' long, 6" square at the top and about 9" square at the base, with the letter P on the top. There were 81 of these bounds set during the year, and at least as many more should be set in 1917.

Another piece of work that has been undertaken has been the relocation of street lines.

This work has been out in conjunction with the work done by the Assessors in making their plans for assessing purposes. The work has consisted of re-running the present street lines wherever possible, in accordance with the layouts on file with the Town Clerk, and marking all corners with stone bounds.



The bearings of all lines which have been run, have been referred to the true north, so that in all the work that has been completed, instead of having the sometimes unreliable compass bearings that were originally used, we have the absolute bearing referred to the true north.

If this work can be continued for a few years, we will eventually have a set of street line plans with well marked corners on the ground, that will prove invaluable for reference in the future,

There was appropriated last year \$900 for engineering, and \$400 for street line work, the details for expenditures of which can be found in the report of the Town Accountant. I recommend for the ensuing year the same appropriation for engineering and street lines, namely, \$900 for engineering and \$400 for street line work.

Respectfully submitted,

A. E. BLACKMER,

*Town Engineer.*



## PLYMOUTH PUBLIC LIBRARY.

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### OFFICERS OF THE LIBRARY CORPORATION

President,	Francis J. Heavens
Vice-president,	Rose S. Whiting
Clerk,	William Hedge
Treasurer,	Theodore P. Adams

### DIRECTORS.

Theodore P. Adams	Mrs. E. E. Hobart
Anne P. Appleton	William S. Kyle
William W. Brewster	John Russell
Edward L. Burgess	Elizabeth Thurber, 2nd
Francis J. Heavens	John B. Washburn
William Hedge	Rose S. Whiting

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### REPORT OF ITS DIRECTORS.

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During the past year the public library has been making special effort to reorganize its work along modern lines, and to make its equipment and opportunities more nearly meet the requirements of a larger patronage. It has at all times been hindered in enlarging its opportunities because of its limited endowment, and the comparatively small amount it has received by public appropriation. Its financial needs are now especially

pressing. The increased expense of new books and the repairing of old ones, the larger cost of every sort of library equipment, and particularly the imperative need of continuing expert service in conducting library work,—all this makes necessary a larger sum of money from some source. The library is doing its best to serve well the community at as low a cost as necessary equipment and successful service demand, and it asks a generous support from the public.

The report of the Librarian to the Directors follows. It gives in detail some of the work the library has done during the past year, and suggests lines of work along which the modern library must work if it would meet the requirements of today.

For the Directors,

FRANCIS J. HEAVENS,

*President.*

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## REPORT OF THE LIBRARIAN.

To the Trustees of the Plymouth Public Library:

I herewith submit the report for the calendar year ending December 31st, 1916.

It was decided that during the past year the task of re-organizing the library should be begun. To this end extra equipment has been installed and changes have been made in our system.

It was found that the books in the reading room and on the shelves upstairs were practically inaccessible during the evening hours owing to the exceedingly poor lighting facilities. In order to remedy this defect electric lights have been placed over the shelves in the Reading room and in the Gallery and Art room upstairs.

Extra shelving has been placed in the Stack and also in the Art room, thus making it possible to bring together in one room all books on Useful and Fine Arts. This is a much more convenient and more easily understood arrangement. The fact that the Art room is now very well lighted also makes it available as a special study room.

A verticle file has been purchased for pamphlets, and a catalog case has been ordered for the children's department.

The gate whih obstructed the entrance to the stack has been removed and the public now have free access to the stack on both sides of the delivery desk. An addition has also been made to the charging desk.

In order to help the public understand the arrangement of the books on the shelves, guides have been placed at the ends of the stacks and shelf labels have been placed on the shelves upstairs. The guides in the stack are a temporary expedient and should soon be replaced by guides of a more permanent character.

By special arrangement books for outside reading have been placed on shelves in the stack for the use of High school pupils.

In December an exhibit of children's books was held during Good-Book week. Mr. Burbank lent us the larger part of our collection, and our thanks are due him for his cordial co-operation.

During the year a change has been made in the library rules. It is now possible for a member to borrow three books at one time instead of two as formerly. Special cards have been issued to teachers, on which they may borrow books for school use for a period of six weeks.

#### *Charging System.*

Acting on the advice of the Library Commission, we changed from the Brown to the Newark charging system. This system is the one commonly used in public libraries throughout the

United States. It has already proved to be a time saver on the part of the staff. Besides, it permits the assistant to give more undivided attention to the needs of the borrower as she is not obliged to stop and "slip" each book as it is received.

#### *Re-registration.*

The registration records were found to be incomplete and it was decided to commence re-registration January 1, 1916. A separate registration of those under fourteen has been kept, and the age limit has been lowered to eight years, instead of twelve as formerly.

During the past year 1,722 members have been enrolled. Of these 885 were old members re-registered. It is possible that many of the 837 which are counted as new members have previously been registered, but only those have been counted as re-registered whose old memberships could be found on file.

Membership, December 31, 1916.

Adult members, (153 temporary residents)	1,406
Juvenile members, (16 temporary residents)	316
Total	1,722

#### *Circulation Department.*

The total circulation during the past year was 25,499. This is a decrease of 676. It is, however, gratifying to note that while there has been a decrease in the circulation of fiction, the circulation of Non-fiction has increased by 1,355. The decrease in the circulation of fiction is probably due to the fact that we have exceedingly few books of fiction which are fit to circulate. Practically all the standard works of fiction have been worn out and have not been replaced. Besides, the number of new titles added during the past years has been altogether inadequate.

The percentage of fiction was 74.5 of all books lent; the percentage in 1915 was 76.6.

The circulation per capita was 14.7.



### *Reading Room.*

The number of readers registered in Reading room during the past year was 21,464.

### *Mending and Binding.*

The library was able to secure, through the Library Commission, the services of Miss Tillinghast, a trained book mender. During the week that she spent in our library Miss Tillinghast gave special instruction in mending to the library staff.

During the year, 1,433 books were repaired, 73 were recovered, 2,564 volumes were washed and shellacked and 1,260 were labelled. 6,659 pockets were placed in books, and 6,302 book cards were re-written.

Miss Snell was granted a leave of absence for six weeks in order to attend the Summer school in library work at Simmons College. On her return she was required to assist at the desk during the absence of Miss Pillsbury. Therefore, for more than twelve weeks, the work of the mending department was at a standstill.

### *Binding.*

810 volumes have been rebound during the year.

### *Overdues.*

During the year 951 overdue letters and postcards were sent and 6 messenger calls made, 3 books remain uncollected. 3 books were lost and paid for.

### *Cataloguing Department.*

679 volumes were added to the Library during the past year, 124 by gift and 555 by purchase. 263 books were re-catalogued and 60 transferred to the juvenile department.

The Book Committee made a careful revision of the library during the year and many volumes which were worn out or otherwise past their usefulness were withdrawn or discarded.

1973 volumes were withdrawn from the adult department, 263 from the juvenile, 1100 Government documents and pamphlets were discarded. Documents which were not accessioned are not included in this count.

*Children's Department.*

The work in this department has been heavily handicapped by lack of books and lack of room. There is an urgent need for a children's room and for more juvenile books.

The black covers have been removed from the books in the children's corner, and as far as possible the books have been repaired, rebound, or cleaned. With all our efforts it was impossible to retain many of the books as they were soiled beyond all possibility of repair.

We have tried to make the children's corner as attractive as possible and, in spite of our limited accommodation and shortage of books, 316 juvenile members were enrolled. The circulation of juvenile books amounted to 6,311, practically one-fourth of our total circulation.

The cards for the adult books were filed in the adult catalog. This made it impossible for the younger children to use the catalogue. Therefore, all juvenile cards have been removed from the adult catalog and, where the condition of the books permitted, the juvenile books were re-catalogued. A new catalog case for use of the children has been ordered.

Under the auspices of the Woman's Club a Story Hour has been held during the month of December. In all 62 children have attended the first three story hours, thus proving that the story hour would be appreciated.

The attendance record of children in the reading room was not begun until the month of August. From August to December the attendance of children under 14 years of age was 3,969.



# STATISTICS.

## *Accessions by Class.*

	Added by Purchase	Added by Gift.
General works,		
Philosophy,	7	6
Religion,		2
Sociology,	30	8
Language,		
Science,	2	1
Useful Arts,	117	1
Fine Arts,	7	4
Literature,	10	17
History,	29	11
Travel,	16	7
Biography,	3	14
Reference,	16	1
Fiction,	135	31
Juvenile,		
Non-fiction,	100	9
Fiction,	177	3
	<hr/>	<hr/>
	549	115
Duplicates,	6	9
	<hr/>	<hr/>
	555	124
Total,		679

## *Circulation by Class—Adult.*

Periodicals	954
General works,	3
Philosophy,	137
Religion,	97
Sociology,	656
Language,	21
Science,	229
Useful Arts,	300

Fine Arts, .....	331
Literature, .....	626
History, .....	901
Biography, .....	659
Travel, .....	658
Fiction, .....	13,616
Juvenile, non-fiction, .....	1,998
Juvenile fiction, .....	4,313
Total .....	25,499
Fiction, 1916, 74.5 per cent.	
Fiction, 1915, 76.6 per cent.	
Increase of non-fiction, .....	1,355
Circulation per capita: adult 13.5, juvenile 19.9, total 14.7.	

### *Needs of the Library.*

The time has come when we must consider the future policy of the Library.

There are various ways by which the library and its activities can be brought to the attention of the public, and its usefulness increased.

1. A systematic publicity campaign. In this connection the moving pictures could be used to advantage.

Bulletins illustrating the activities of the library could be displayed in shops and factories.

Printed bulletins of the library and lists of books could be prepared and distributed in the library and in the schools.

The town paper might be induced to run a series of articles on the library and its work.

2. Deposit libraries placed in the outlying districts would be a means of bringing the resources of the library to those who otherwise might not be able to make use of the library.

3. The library should attempt to get in touch with the different clubs and associations of the town. These associations should be made to feel that the library is not only willing but anxious to co-operate with them.

4. Last, but not by any means least, comes the work with the children. The whole future of the library depends on the course which we adopt with regard to them.

The first need is books and plenty of them. It must be borne in mind that the juvenile books are naturally subjected to more wear and tear. Provision must then be made for the frequent replacement of volumes as well as for the constant addition of new ones.

The establishment of school libraries would be of immense benefit not only to the children but to the library.

The co-operation of the School board would, of course, be necessary for the establishment of school libraries and some effort should at once be made to come to an understanding with them on this matter.

With regard to the Story Hour, it ought not to be necessary to say anything, as this is generally recognized as a most important part of our work for the children.

In order to keep up the work of the children's department, we need, first of all, more books, secondly an assistant with a special knowledge of children's work who could give all the time required to the work with the children, and the regular weekly Story Hour should be continued.

Whether we decide to expand our policy or to continue along the old lines, there are certain things to which we shall be forced to give our attention.

A considerable amount of money is needed for the replacement of worn-out books. Our fiction has been seriously depleted and we cannot even hope to keep up the present rate of circulation unless an effort is made to replace the worn-out books and to add more new titles to the library.

During the year we have exceeded our binding appropriation by nearly fifty dollars. Even so we have not been able to bind all the books which are in need of binding, and the periodicals have not been bound for several years.

There is still a great deal to be done before the library will

be thoroughly up to date. The mending of books, which has been neglected for years, is a slow matter and cannot be rushed. It is necessary that constant provision be made for a mending department.

I wish to take this opportunity to thank the members of the Board for their kind consideration, and hearty co-operation and support.

Respectfully submitted,

FLORA E. WHYTE,

*Librarian.*

## LIST OF JURORS.

Prepared by the Selectmen of Plymouth, Mass., for 1917.

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Adams, James P., Chiltonville, mason.  
Alexander, Carroll A., 271½ Fremont street, real estate.  
Anderson, George F., 23 Standish avenue, overseer.  
Anderson, Horace, Manomet, carpenter.  
Andrews, Thomas H., Jr., 2 Lewis street, mason.  
Armstrong, William, 370 Court street, machinist.  
Arthur, Richard W. 61 Samoset street, barber.  
Ashton, John W., 16 Vernon street, weaver.  
Bachelder, John L., 95 Sandwich street, machinist.  
Bartlett, Edwin P., Point road, farmer.  
Bartlett, Elston K., 58 Allerton street, carpenter.  
Bartlett, Ephraim D., 58 Allerton street, contractor.  
Bartlett, Herbert K., 58 Allerton street, clerk.  
Bartlett, William L. 2nd, Manomet, farmer.  
Baumgartner, Charles J., 139 Sandwich street, clerk.  
Beever, John A., 268 Court street, overseer.  
Bennett, Nathaniel B., 2 Fremont street, clerk.  
Bennett, Sylvanus S., 7 Highland place, carpenter.  
Beytes, Leon H., 430 Court street, civil engineer.  
Birnstein, Emil C., 221 Summer street, weaver.  
Bittinger, Fritz J., 140 Court street, garage emp.  
Bliss, Edgar F., 22 Leyden street, merchant.  
Bradford, Harry A., 4 Warren Avenue, grocer.  
Briggs, James A., 10 Lothrop street, percher.  
Briggs, Laban B. Jr., Manomet, lobster catcher.  
Brown, Daniel G., 80 Sandwich street, machinist.



Burgess, Arthur L., South Pond, cranberry grower.  
Burns, Alfred S., 14 Cushman street, clerk.  
Burns, Harry W., 9 Holmes terrace, bookkeeper.  
Bunker, Guy C., 21 Leyden street, foreman.  
Carr, Patrick, 23 Centennial street, laborer.  
Cavanaugh, Thomas F., 1½ South Spooner street, cordage em.  
Carleton, William D., 20 High street, station agent.  
Churchill, John W., 13 Chilton street, cranberry grower.  
Clark, Nathaniel T., 7 North Green street, carpenter.  
Corey, Bert H., 4 Alden street, insurance agent.  
Craig, Charles D., 11 Jefferson street, clerk.  
Cushing, Robert W., 128 Sandwich street, druggist.  
Damon, John H., 258 Court street, master mechanic.  
Davee, Edward P., 8 Whiting street, conductor.  
Deacon, Walter A., 3½ Sagamore street, granite dealer.  
Dixon, Edward L., Manomet, fisherman.  
Davis, Albert E., 33 Allerton street, agent.  
Dodge, Milo C., 4 Holmes Terrace, clerk.  
Doten, Charles R., Chiltonville, laborer.  
Douglas, George W., Cedarville, cranberry grower.  
Dowling, Vincent, 8 Murray street, weaver.  
Eaton, Charles W., 115 Court street, retired.  
Ellis, Clark, 23 Samoset street, marble cutter.  
Field, Bernard, 15 Allerton street, manager.  
Ferguson, John R., 22 Robinson street, shoe dealer.  
Geary, Henry T., 76 Sandwich street, collector.  
Gifford, George F., 6 Allerton street, baker.  
Glover, Luther F., 6 Franklin street, baker.  
Goddard, Fred A., 271 Court street, draughtsman.  
Gooding, Benjamin W., 18 Chilton street, retired.  
Goodwin, John J., 71 Samoset street, watchman.  
Gould, Fred E., 34 Stafford street, cranberry grower.  
Gray, Arthur G., 26 Davis street, clerk.  
Hadaway, Augustus S. Jr., River street, fisherman.  
Hall, George W., 103 Sandwich street, painter.



Harlow, Albert T., 208 Sandwich street, carpenter.  
Harlow, Porter T., Manomet, farmer.  
Harney, Thomas F., 8 Nelson street, plumber.  
Holmes, Edwin K., 140 Sandwich street, carpenter.  
Haskell, Chester B., Cedarville, superintendent.  
Haskell, John L., Pondville, stone mason.  
Hayden, Charles F., 11 Cushman street, ticket agent.  
Hedge, Barnabus, 338 Court street, wood dealer.  
Hedge, Isaac L., 367 Court street, ice dealer.  
Helling, George J., 48 Allerton street, tinsmith.  
Henry, Charles F., 148 Summer street, carpenter.  
Holmes, David, 152 Sandwich street, painter.  
Holmes, Truman H., Manomet, farmer.  
Holmes, William B., South Pond, laborer.  
Howland, Arthur L., rear 208 Sandwich street, conductor.  
Jordan, John E., 70 Sandwich street, hardware dealer.  
Keefe, Nicholas, 29 Nelson street, laborer.  
Kelley, Henry H., 18 Allerton street, superintendent.  
Kierstead, James S., 9 Davis street, carpenter.  
Kingan, Ernest A. J., 143 Sandwich street, clerk.  
Langford, Zenas, River street, road surveyor.  
Lavache, Thomas V., 59 Samoset street, weaver.  
Leach, William H., 17 Chilton street, druggist.  
Loring, Albert S., 98 Court street, student.  
Lowry, Abraham, 17 Whiting street, painter.  
Mabbett, George E., Warren avenue, woolen manufacturer.  
Magee, Eugene F., 3 Mt. Pleasant street, conductor.  
Manion, Thomas F., 17 Lothrop street, shoemaker.  
Manter, Arthur L., 8 Whiting street, plumber.  
Marvelli, Joseph, 23 Hamilton street, weaver.  
McLean, Laughlin D., 117½ Court street, watchman.  
Milburn, Harrison, Newfields street, janitor.  
Morissey, Herbert, 14 Vernon street, real estate.  
Morrison, John L., 3 Stafford street, baker.  
Morton, Willian R., 4 South Green street, engineer.

Morse, Arthur L., 21 Mayflower street, clothier.  
Nickerson, Arthur S., 214 Sandwich street, cordage employee.  
Nightingale, George W., 10 Mt. Pleasant street, clerk.  
O'Connell, John J., 20 Hall street, laborer.  
Palmberg, John A., Summer street, painter.  
Parsons, Willard H., 29 Samoset street, manager.  
Peck, John P., 280 Court street, painter.  
Perkins, Isaac H., 28 Bay View avenue., mason.  
Pickard, William S., Obery street, conductor.  
Pioppi, Joseph, 29 Cherry street, carpenter.  
Quartz, Henry D., 283 Court street, grocer.  
Raymond, Charles H., 41 South street, rivet maker.  
Raymond, William H., 9 Robinson street, janitor.  
Read, George R., 129 Summer street, tack maker.  
Reagan, Thomas W., 108 Sandwich street, watchman.  
Rickard, Warren P., 223 Sandwich street, shoe dealer.  
Riedel, Henry, 308 Court street, shoe dealer.  
Roberts, Harold G., Holmes terrace, clerk.  
Rubenstein, Louis, 38 Russell street, clothier.  
Sadow, Max, 29 Russell street, clothier.  
Sampson, Fred A., 71 Summer street, grocer.  
Sears, Harold P., 236 Sandwich street, clerk.  
Shaw, Clyfton P., 45 Samoset street, brakeman.  
Silva, Cosmo, 61 Cherry street, real estate.  
Sproul, William F., 176 Sandwich street, agent.  
Stegmaier, Charles J., 273 Court street, overseer.  
Stegmaier, Henry L., 10 Cherry street, foreman.  
Stephen, Nicholas, 18 Hamilton street, foreman.  
St. George, Frank L., 30 Pleasant street, livery stable.  
Sullivan, John E., Emerald street, plumber.  
Swanton, James S., 54 Allerton street, carpenter.  
Sweeney, George B., 65 Oak street, carpenter.  
Swift, Robert C., Clifford road, carpenter.  
Talbot, Richmond, 35 Mayflower street, cranberry grower.  
Tavernelli, Sebastian, 117 Sandwich street, barber.

Thom, George S., 405 Court street, cordage employee.  
Thomas, B. Loring, 221 Sandwich street, carpenter.  
Turner, Edgar S., 16 Nelson street, spinner.  
Valler, Harry E., 236 Sandwich street, yard clerk.  
Wall, George W., 8 Phoenix court, truckman.  
Warren, Russell A., 36 Allerton street, superintendent.  
Webber, Charles, Jr., 281½ Centennial street, percher.  
Whiting, Harry W., 4 Winter street, clerk.  
Whiting, Russell L., 29 High street, hack driver.  
Whitten, Edward W., 196 Court street, laborer.  
Williams, George H., 2nd, 30 South street, electrician.  
Zahn, Charles, 10 Atlantic street, shoe dealer.

Approved Feb. 26, 1917.

WILLIAM T. ELDRIDGE,  
EPHRAIM D. BARTLETT,  
HENRY O. WHITING,  
GEORGE W. BRADFORD,  
*Selectmen of Plymouth.*

## TOWN WARRANT.

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To either of the Constables of the Town of Plymouth, Commonwealth of Massachusetts:

Greetings.

In the name of the Commonwealth you are hereby directed to notify and warn the Inhabitants of Plymouth qualified to vote in elections and Town affairs, to meet in the Armory in said Plymouth on Saturday, the third day of March, 1917 at fifteen minutes before six o'clock in the forenoon, and in said Armory in said Plymouth on Saturday, the twenty-fourth day of March, 1917 at two o'clock in the afternoon, to act on the following articles to wit:

Article 1. To choose a Moderator to preside at said meeting.

Article 2. To choose all necessary Town Officers. The following officers to be voted for all on one ballot, viz: Five Selectmen, Town Clerk, Town Treasurer, Collector of Taxes, one member of a Board of Health for three years, one Assessor for three years, three Constables, one Overseer of the Poor for three years, two Water Commissioners for three years, one member of a School Committee for three years, one Park Commissioner for three years, three members of a Committee on Agawam and Halfway Pond Fisheries, Tree Warden, and one Cemetery Commissioner for three years; and to vote by ballot "Yes" or "No" in answer to the following questions: "Shall licenses be granted for the sale of intoxicating liquors in this town?" and "Shall the Town accept Section 37 of Chapter 19 Revised Laws, as to the application of the civil service to the police force?"

The polls for the election of officers and the votes on the foregoing questions, will be open at the Armory at fifteen minutes



before six o'clock in the forenoon on said Saturday, the third day of March, 1917, and may be closed at three o'clock in the afternoon. Both of said days will constitute the annual meeting, and this call is issued in accordance with the vote of the Town passed June 5, 1897, as amended March 2, 1903, and April 2, 1904.

Article 3. To hear the reports of the several boards of officers and committees of the Town, and act thereon.

Article 4. To see if the Town will authorize the Town Treasurer, with the approval of the Selectmen or a majority thereof, to borrow during the municipal year beginning January 1, 1918, in anticipation of the collection of taxes of said year, such sums of money as may be necessary for the current expenses of the Town, but not exceeding the total tax levy for said year, giving the notes of the Town therefor, payable within one year from the dates thereof. All debts incurred under the authority of this vote shall be paid from the taxes of said municipal year.

Article 5. To make the necessary appropriations to defray the expenses of the Town, and for other purposes, and to raise such sums of money as the Town shall deem expedient.

Article 6. To take such action as the Town may see fit in aid of the Plymouth Public Library.

Article 7. To see if the Town will appropriate a sum not exceeding two hundred and fifty (250) dollars in aid of the Manomet Public Library.

Article 8. To see what appropriations the Town will make for the care and improvement of the various Parks, and of the Training Green.

Article 9. To see if the Town will appropriate a sum not exceeding two hundred and twenty-five (225) dollars to pay the expenses of the observance of Memorial Day.

Article 10. To see if the Town will authorize the Selectmen to renew any note or notes heretofore authorized, which are now due or may become due the present year, for such time

and on such terms as they may deem expedient for the interests of the Town.

Article 11. To see if the Town will authorize the Selectmen to transfer from time to time the money from the Reserve Fund to such other accounts as in their opinion may be necessary.

Article 12. To see what action the Town will take in regard to the expenditures of the Town from January 1, 1918 to the annual Town Meeting of that year.

Article 13. To see if the Town will authorize the use of fourteen hundred (1400) dollars in the Reserve Fund accumulations from Overlay of Taxes, to reduce the Tax Levy of 1917.

Article 14. To see if the Town will authorize the transfer of the balance of \$153.57 remaining to the credit of the New School and Furnishings Account, to the Addition to the Nathaniel Morton School.

Article 15. To see if the Town will authorize the Selectmen to sell and convey, in the name and on behalf of the Town, the school lot and property thereon, on Allerton Street near the junction of Allerton and Samoset Streets, on such terms and conditions as they may deem proper.

Article 16. To see if the Town will authorize the use of the balance of \$90.98 remaining to the credit of the appropriation for the erection of fences on Stephens Field, for the further improvement of Stephens Field.

Article 17. To see if the Town will accept from Elijah A. Keith, the tract of beach front at Manomet, which he offers to the Town as a gift for park purposes, and not to be used commercially.

Article 18. To see if the Town will accept and allow the alteration of Sandwich Street, from Howes Lane North, as altered by the Selectmen and reported to the Town.

Article 19. To see if the Town will accept and allow the alteration of Sandwich Street, from Lincoln Street South, as altered by the Selectmen and reported to the Town.



Article 20. To see if the Town will accept and allow the layout of Highland Terrace at Manomet, as laid out by the Selectmen and reported to the Town.

Article 21. To see if the Town will vote, and make an appropriation therefor, to extend electric lights on the Beaver Dam Road, from a point where lights now end on said road, to a point ending at or opposite the dwelling of Thomas A. Proctor. (By Petition.)

Article 22. To see if the Town will appropriate a sum not exceeding two thousand (2,000) dollars, for building a sidewalk at Manomet, on the Northerly and Easterly side of the State Highway, from a point opposite Eliphalet Holbrook's house to a point near the waiting station at Fresh Pond, or any part of the foregoing distance. (By Petition.)

Article 23. To see if the Town will vote to purchase a combination Auto-Patrol Wagon and Ambulance, and raise and appropriate three thousand two hundred (3,200) dollars to pay for the same. (By Petition.)

Article 24. To see what action the Town will take in regard to increasing the pay of the Town laborers to thirty-five (35) cents per hour. (By petition.)

Article 26. To see if the Town will appropriate, from money in the treasury not otherwise appropriated, the sum of \$476.21 to the Health Department and the sum of \$272.03 to Roads and Bridges; the foregoing amounts to be for the payment of bills contracted in 1916.

Article 27. To see if the Town will appropriate a sum not exceeding twenty-one thousand six hundred and seventy-six (21,676) dollars, to pay the damages caused by the alteration in the Easterly side of Main Street by the County Commissioners, including authorizing the issue of bonds or notes of the Town to an amount necessary therefor.

Article 28. To see if the Town will appropriate a sum not exceeding twenty-three hundred and ninety-two (2,392) dollars to pay the damages caused by the alteration of Sandwich Street from Howes Lane Northerly, including authorizing the

issue of bonds or notes of the Town to an amount necessary therefor.

Article 29. To see if the Town will appropriate a sum not exceeding ten thousand eight hundred and seventeen (10,817) dollars to pay the damages caused by the alteration of Sandwich Street from Lincoln Street Southerly, including authorizing the issue of bonds or notes of the Town to an amount necessary therefor.

Article 30. To see if the Town will appropriate the sum of twenty-five hundred (2,500) dollars, to conduct State Aided Vocational Education and Evening Classes in the practical arts, and to place the same under the direction and control of the School Committee, said courses to be conducted in conformity with the requirements of Chapter 471 of the Acts of 1911, and Chapter 106 of the Acts of 1912, and any amendments thereto.

And you are hereby required to serve this warrant in the manner prescribed by a vote of the Town, by posting notices therefor in three public places in the Town, seven days at least before the meeting, one of which postings shall be in Chiltonville and one in Manomet Ponds, and also by publishing the warrant in the newspapers published in Plymouth, and make return thereof with your doings thereon at the time and place above mentioned.

Given under our hands this nineteenth day of February, 1917.

WILLIAM T. ELDRIDGE,  
EPHRAIM D. BARTLETT,  
HENRY O. WHITING,  
GEORGE W. BRADFORD,

*Selectmen of Plymouth.*

Plymouth, ss.

February 20, 1917.

Pursuant to the foregoing warrant, the inhabitants of Plymouth qualified to vote in elections and Town affairs are hereby notified to meet at the time and place and for the purposes therein mentioned.

JOHN ARMSTRONG,  
*Constable of Plymouth.*

# ANNUAL REPORT

OF THE

## SCHOOL COMMITTEE

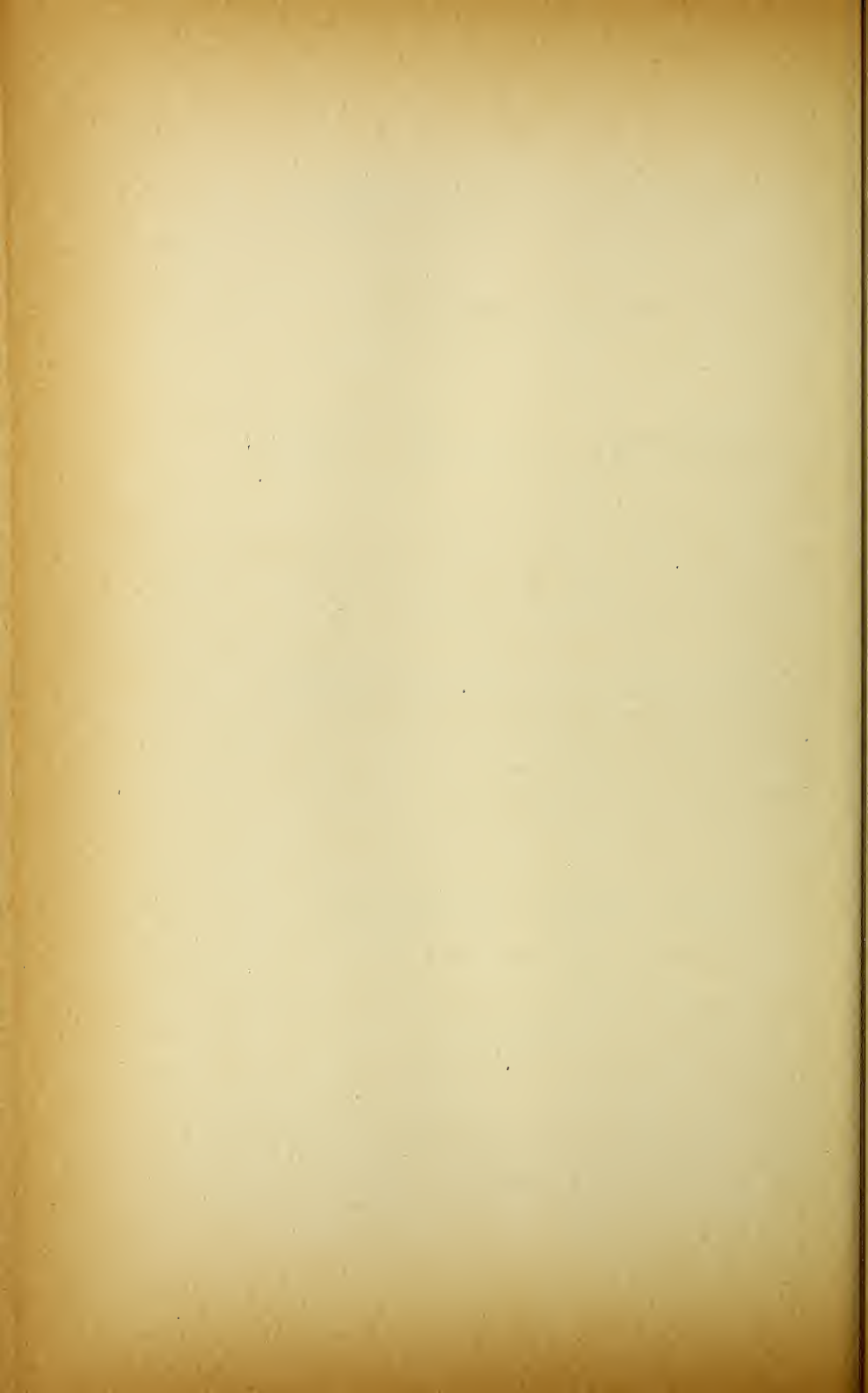
OF THE

### Town of Plymouth

FOR THE

Year Ending December 31,

1916



## SCHOOL COMMITTEE

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	Term Expires
William M. Douglass, Chairman,	1917
Helen F. Pierce, Secretary,	1918
Edward W. Bradford,	1919

The regular meetings of the School Board are held at 7.15 p. m. on the first and third Tuesdays of each month.

Superintendent of Schools, Charles A. Harris.

Office open from 8.30 to 12 a. m., and 1.30 to 5 p. m. every school day.

Office hours of the Superintendent of Schools, 4 to 5 p. m., Monday, Wednesday, Friday.

7 to 8 p. m. every Wednesday.

Attendance Officer, John Armstrong.

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## SCHOOL CALENDAR FOR 1916-1917.

Term opened Monday, September 11, closed Friday, December 22, 15 weeks.

Term opened Tuesday, January 2, closes Friday, March 30, 13 weeks.

Term opens Tuesday, April 10, closes Friday, June 29, 12 weeks.

Fall term, 1917, begins Wednesday, Sept. 5.



### VACATIONS.

March 30, 1917 to April 10, 1917.

June 29, 1917 to September 5, 1917.

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### HOLIDAYS.

Washington's Birthday, Patriots' Day, Memorial Day, Columbus Day, Thanksgiving Day and the day following, New Year's Day.

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### SCHOOL SESSIONS.

High School—8 a. m. to 1 p. m.

Nathaniel Morton School—8.15 a. m. to 1 p. m.

All others except the outlying schools, 9.00 to 11.45 a. m., 1.30 to 3.45 p. m.

First grade is dismissed 15 minutes earlier than the other grades.

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### NO-SCHOOL SIGNAL.

2—2 sounded and repeated at 7.30 indicates no session at the Senior and Junior High Schools.

2—2 sounded and repeated at 8:15 indicates no morning session in other schools.

2—2 sounded and repeated at 1 p. m. indicates no afternoon session.



## FINANCIAL REPORT

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### RECEIPTS.

Appropriation,	\$87,000 00	
Income from Murdock Fund,	18 47	
	<hr/>	\$87,018 47

### EXPENDITURES.

General expenses,	\$4,517 01	
Teachers' salaries,	51,915 42	
Text books and supplies,	7,461 66	
Tuition,	210 00	
Transportation,	1,952 85	
Support of Truants,	225 35	
Janitors' services,	6,042 34	
Fuel and light,	7,259 59	
Maintenance,	3,830 35	
Furniture and furnishings,	383 30	
Other expenses,	164 50	
Medical inspection,	1,318 61	
	<hr/>	\$85,280 98
Unused balance,		<hr/> \$1,737 49

## Budget for 1917

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### GENERAL EXPENSES.

Salary of Superintendent,	\$2,400 00	
Salary of Clerk,	450 00	
Salary of Truant Officer,	180 00	
Printing, postage, etc.,	350 00	
Telephones,	70 00	
Travelling expenses,	275 00	
School census,	75 00	
Freight and express,	200 00	
All other,	200 00	
	<hr/>	\$4,200 00

### TEACHERS' SALARIES.

41 weeks on basis of present weekly		
payroll,	\$59,000 00	
Increase,	4,000 00	
	<hr/>	\$63,000 00

### TEXT BOOKS AND SUPPLIES.

Text and reference books,	\$3,270 00	
Paper, blank books, etc.,	3,200 00	
Manual training supplies,	100 00	
Domestic Science supplies,	500 00	
All other,	500 00	
	<hr/>	\$7,570 00

TUITION.

Tuition,	\$210 00
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TRANSPORTATION.

Teams,	\$ 510 00	
Carfares,	1,600 00	
	<hr/>	\$2,110 00

SUPPORT OF TRUANTS.

Support,	\$225 00
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JANITORS' SALARIES.

Salaries,	\$6,500 00
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FUEL AND LIGHT

Coal and wood,	\$8,500 00	
Gas and electricity,	600 00	
	<hr/>	\$9,100 00

MAINTENANCE OF BUILDINGS AND GROUNDS.

Carpentry and painting,	\$1,000 00
Plumbing,	800 00
Lumber,	50 00
Flags and flagstaffs,	50 00
Janitors' supplies,	700 00
Telephones,	200 00
Removal of rubbish,	200 00
Mt. Pleasant yard,	100 00
Knapp School yard,	150 00

Painting Manomet Building,	200 00	
Painting Mt. Pleasant,	300 00	
Painting Knapp,	300 00	
Wiring Mt. Pleasant Bldg.	100 00	
Gongs, Knapp School,	25 00	
Fire extinguishers,	525 00	
All other,	500 00	
	<hr/>	\$5,200 00

#### FURNITURE AND FURNISHINGS.

Desks, chairs, etc.,	\$250 00	
Clocks,	50 00	
All other,	35 00	
	<hr/>	\$335 00

#### OTHER EXPENSES.

Diplomas and graduation exercises,	\$150 00	
School physician,	500 00	
School nurse,	600 00	
Supplies, other expenses,	200 00	
Eye clinic,	100 00	
	<hr/>	\$1,550 00
		<hr/>
		\$100,000 00

We submit herewith the report of the Superintendent of Schools, which gives full information concerning the condition of our school system at the present time, and its needs for the future from a professional and educational standpoint. Also report of School Physician. These represent the result of a year's work in your behalf and at your expense, and are worthy of the time it will take every citizen to read and consider them.

Owing to our growing expenditures, it seems fitting that the

Committee's report be confined to financial matters, as the Town is entitled to as full an accounting and explanation as is possible.

We are presenting summarized expenses for 1916, and budget for 1917. For those who are interested in a comparison between budget and itemized report for 1916, the latter will be found in the auditor's report. Comparing first the budget for 1916 and the expenditures for the same year, we find the following discrepancies:

*General Expenses* are \$450.00 over the budget estimate. This is accounted for by the purchase of an automobile, which will result in both a financial saving, and an increase in the efficiency of the superintendent.

*Teachers' Salaries* are \$2,700.00 less than estimate, caused by the fact that complete readjustment of salaries to new basis was not accomplished during the year 1916, and that, owing to delay in opening of school, we had only 39 weeks of schooling in the calendar year, where we anticipated forty.

*Text-Book and Supplies* are \$2,000.00 over estimate; \$1,700.00 of this occurs in the item of paper and blank books, which have increased enormously in price, and of which we have purchased heavily, having a stock to last us well into 1917, which has cost us considerable less than the present prices.

*Janitors' Salaries* have come a little short of our expectations.

*Fuel and Light* shows an expenditure of \$659.00 over estimate, and should really show more, as we have started 1917 with a smaller supply than usual. The price of coal accounts for this.

*Maintenance* expense was about \$2,000.00 less than we anticipated, owing to the fact that some of the proposed repairs did not get done during the year, and that the definite items included in the budget composed a larger percentage of repairs than we expected. Also our buildings are now in first class repair, and the expense of keeping them so is less than getting them into that condition.



We will now turn to an explanation of differences between expenses of 1916 and the amount called for in budget for 1917.

The amount of \$1,737.00 returned to excess account, was caused by the 39 weeks of school already alluded to, and will have to be used in 1917 in addition to amount that would otherwise be called for, as we will still have 40 weeks in the school year, necessitating 41 weeks in this calendar year.

*General Expense.* The budget is \$317.00 less than 1916 expense, accounted for by the automobile.

*Teachers' Salaries.* These are now practically adjusted on the basis of which last year's estimate took account. In asking for \$1,500.00 increase last year, we stated that this sum was for the fall term only, and would necessitate a proportionate increase for 1917.

If one term on the new basis of pay called for \$1,500.00, three terms would mean \$4,500.00, or an additional increase of \$3,000.00 this year. This checks almost exactly with our pay roll of the present time.

Our present weekly pay roll to teachers is about \$1,439.00. This for 41 weeks will be \$59,000.00.

For the new basis we asked for 1916 the amount of	\$54,700 00
Additional anticipated expense,	3,000.00
Extra week in 1917,	1,439.00

Giving a total of	\$59,139 00
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This amount takes care of the basis of pay roll established last fall, which was merely to bring Plymouth nearer to what other towns of the same size were paying, and was not at all in consideration or anticipation of the great advance in the cost of living.

Since this pay was decided on for the teachers, pay in every line of work has been materially advanced. Our factories have made one, two or three advances in pay, and everyone has felt the sharp need of additional income to meet expenses.

The committee cannot feel that the town wishes to be less



liberal with its teachers, always an underpaid body, than other employers have been. The cost of board has been sharply advanced, we still expect them to be well dressed in the school room, and to keep up their pedagogical education.

With all the splendid plant with which the town has generously supplied the schools, our results will be impaired and our efficiency much lowered if we are unable to maintain a first class teaching force. Many towns have already advanced their teachers during this school year, and many others will undoubtedly do so after their town meetings.

We are, therefore, asking for \$4,000.00 additional pay for teachers, which means that they may be granted an increase of about 10 per cent. beginning with the spring term.

*Text Books and Supplies.* We are asking for a very small increase over 1916.

*Transportation and Janitors' Salaries.* We are asking for the same amount we asked for in 1916, which is a little more than we spent.

*Fuel and Light.* We are asking for about \$2,000.00 more than was spent in 1916, owing to the fact already stated that we started this year with a smaller supply than usual, and that no one can tell how much coal will cost this year.

*Maintenance.* We are asking \$600.00 less than we asked for 1916, but \$1,370.00 more than we spent last year. This is due to the constant possibility of an unexpected demand for repairs of some size, and we believe the committee should always have available funds to keep the school property in first class physical condition.

This covers the main items of expense, and is gone into thus thoroughly in the hope that there are many citizens who wish to thoroughly analyze public expenditures, as we believe that it is not only their right, but their duty to do so.

While we all regret the loss of the Allerton Street School house, it is not proving as serious a handicap as might be

expected. For the balance of the year the primary school in the Cornish building will have only one session, the unhoused tots from Allerton Street using their room for the other half of the day.

Next year the removal of grades to the Junior High School will give us room so that both first grades may have full sessions, the only hardship being on a few of the children who will live farther from the school than we like to have first-graders.

This condition, however, is not so serious but that it may wait until such time as the continued growth at the north end of the town forces a new building. Then a building may be built near where the Alden Street School now is, and the present building and the Cold Spring School house can be abandoned.

The committee feel that as they can get along another year, and possibly two without this expense and addition to the town debt, they should do so.

When this building is eventually built, the schools of Plymouth will be adequately housed for 10 or 15 years.

EDWARD W. BRADFORD,  
W. M. DOUGLASS,  
HELEN F. PIERCE.

## SUPERINTENDENT'S REPORT

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To the School Committee of Plymouth:

I herewith submit for your consideration my fourth annual report.

The school year 1916-1917 opened with nine new members on the teaching staff. A few changes have taken place since the opening of the school year, caused either by resignation or temporary absence.

The ever-increasing advantages and the concomitantly increasing expense of the school system are the outcome of two factors:

1. State control through laws.
2. Determination of citizens to have a school system more efficient than the law demands.

The State, through its legislators, requires us to make the following provisions, which list is not at all exhaustive:

1. High Schools.
2. Elementary Schools.
3. Evening Schools.
4. Free text books and supplies.
5. Medical inspection.
6. Attendance officer.
7. Superintendent of schools.
8. Payment of tuition to special schools.
9. School houses constructed according to Building Inspection Laws.
10. Numerous smaller items, such as flags and paraphernalia, paper toweling, etc.

In addition to the foregoing State requirements, the citizens have seen fit to approve, through appropriations sufficient for their maintenance, the following:

1. Woodworking Course.
2. Household Arts for Senior High School pupils.
3. Household Arts for Junior High School pupils.
4. Vacation Schools.
5. Dental Clinic.
6. Over-Age Schools.
7. Instruction in Music.
8. School year longer than law requirement.
9. Commercial Courses in both Senior and Junior High Schools.
10. Extension of Medical Inspection through employment of School Nurse.

In addition to the foregoing enumerations the following topics are suggested for consideration, to be adopted at times when the citizens feel their importance:

1. Work of evening school extended.
2. Work of vacation school extended.
3. Lunch equipment installed for Senior and Junior High Schools.
4. Gymnasium for Senior and Junior High Schools.
5. Employment of physical supervisor.
6. Adequate fire gongs and fire extinguishers for all schools.
7. Completion of policy to discard non-adjustable school furniture.
8. Adoption of more practical courses.
9. Adoption of course in Printing in the Junior High School.
10. Employment of home-garden supervisor.
11. Employment of playground supervisor.
12. Extension of playground facilities.
13. Substantial increase in salaries of employees of school department.

14. Maintenance of a continuation school.
15. Employment of more male teachers in Senior and Junior High Schools.
16. Adoption of agricultural department in our Senior High School.
17. Promotion of teachers on merit system alone.
18. Tenure of office of Superintendent equal to term of members of school board.
19. Establishment of an evening High School.
20. Establishment of Practical Arts Courses for women.
21. Establishment of schools for children between 5 and 6 years of age.
22. Erection of school building midway between Russell and Centennial Streets.
23. Provision for vocational guidance.
24. Systematic physical training in the High and Elementary schools.
25. Establishment of evening trade extension courses for men.

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### KINDERGARTEN.

In the two preceding reports attention was directed to the importance of maintaining public kindergartens. To emphasize the fact that this step would be in the right direction we print the following circular letter recently received from Dr. Philander P. Claxton, United States Commissioner of Education.



DEPARTMENT OF THE INTERIOR.

Bureau of Education.

Washington..

To the Superintendent of Schools,

Dear Sir:

The school officials of Chicago have been given unlimited authority by their board of education to provide all their elementary schools with kindergartens wherever the attendance justifies taking such a step. This will mean an addition of many new classes, while double sessions, one in the morning and one in the afternoon, will be conducted in kindergartens that now have long waiting lists of children anxious to be admitted.

Buffalo is attempting to do the same thing, and has recently opened 9 new kindergartens. This takes care of all of its schools except 3, and these it is planned, are to have kindergarten classes added next year.

Debate over the matter before the Buffalo board of education brought to light the fact that 1,500 out of 2,000 first-grade pupils under 6 years of age had been obliged to take their work over again, some on account of illness, but the majority, it was asserted, because they had entered the grades at too early an age. The economic waste involved in having 1,500 children repeat their first year's work—the waste of energy on the part of the teachers, and the loss of enthusiasm and interest on the part of the children, inevitably leading to bad school habits—constituted such an unanswerable argument in favor of having every child's education started under favorable conditions, beginning with the kindergarten, that the board decided immediately to arrange for this in a systematic way.

The step which the Buffalo and Chicago school authorities have taken is important as it sets in motion the necessary machinery for the activities of a sufficient number of kindergartens to meet the needs of all children of kindergarten age in these



cities. It is to be hoped that their example will be followed by other cities, until in all cities of the country all children of kindergarten age may attend kindergartens well equipped and under competent teachers.

The Bureau of Education is planning to keep a record of the cities that maintain kindergartens in all their elementary schools. Any report to this effect, or accounts of efforts toward this end, will be received with much interest and appreciation.

Very truly yours,

P. P. CLAXTON,

*Commissioner.*

Kindergartens will eventually be maintained with as much approbation and support as are the elementary schools of the present day. We are very likely looking upon the establishment of the kindergarten as did the school committee of Boston upon the establishment of primary schools just one hundred years ago, when it refused the petition of 160 inhabitants who asked that such schools be established at public expense. The refusal on the part of Boston was primarily on the ground of expense. The advantages were finally proven, however, and there is no longer any question of the wisdom of maintaining such schools.

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#### JUNIOR HIGH SCHOOL.

The matter of providing additional room for school purposes was put before the appropriation committee and the citizens with the result that the sum of \$46,000.00 was appropriated for an addition to the present Nathaniel Morton building completed in 1913.

This will make possible a complete reorganization of our

school system whereby the seventh, eighth and ninth grades, will be housed under one roof.

Through this generosity of the voters of the town, an addition of ten rooms to the Nathaniel Morton building is nearing completion. This fourteen-room building will be known as the Junior High School. Here may be found practically all pupils of grades seven, eight and nine, about four hundred in number. The work is departmental, the pupils pass from room to room for recitation purposes, and college graduates as well as normal graduates are required as teachers.

The courses offered are:

Woodworking Course.

Household Arts Course.

Commercial Course.

Preparatory Course.

Many of the school systems are based on the 6—3—3 plan, that is, the elementary school consists of the first six grades—the Junior High School of the next three grades—and the Senior High School of three grades.

Our plan will deviate from the preceding one, at least temporarily, by having our systems formulated on the Six—Two or Three—Four Plan. This will place the first six grades in the elementary school—the last four years in our Senior High School as formerly, and either two or three years, depending upon the ability and capacity of the pupils, in the Junior High School. The advantage of this plan over the 6—3—3 plan is:

1. The utilization of our present High School Building until it is outgrown.
2. The continuance of a ninth grade for pupils of immaturity and slowness.
3. The tendency to cause pupils to remain in school for a longer period as a natural consequent of the preceding statement.

## THE NEXT STEP FORWARD.

The addition to our high school building, which took place in 1914, undoubtedly making that institution adequate for high school needs for a decade, and the addition of ten rooms to the Nathaniel Morton building, have been items of considerable expense to the town, but have added materially to the chances of educational efficiency. There is one more project which, if carried into effect, would unquestionably be of great advantage to Plymouth and would meet the approval of any who care to make a survey of our school system.

A building of at least six rooms located somewhere between the Knapp and Cornish schools would be the solution to several problems. To forestall any misinterpretation, let it be distinctly understood that this suggestion is not made with the desire to levy upon the town purse any additional strain, but that the plan may be considered and acted upon only when the town can afford and has the inclination to undertake the task.

Such a move would eliminate the necessity of using the Alden Street School, the Cold Spring School and the South Street Engine House. The destruction of the Allerton Street School demands accommodations for about 40 pupils. At the present time these pupils are on half time at the Cornish School, supplanting about the same number who have the advantage of the morning session only. The Alden Street schoolhouse is a cellarless ill-lighted, stove-heated building which sorely needs modern sanitariums at considerable cost. The Cold Spring School is another of the old-type schools improperly lighted and which needs sanitariums at much expense.

The advantages of a new building would be:

1. Employment of a janitor who would be required to be on the premises when school is in session, this more surely assuring us of protection in case of fire.
2. The means of transfer of any temporary excess school population no matter where existing.

3. Postponement of the erection of a new schoolhouse in the north part as has been intimated must occur soon.

4. The satisfaction of a properly lighted, well ventilated, fireproof structure for the citizens of tomorrow.

5. The local pride in having by 1920 one of the best educational systems in the State.

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### INDUSTRIAL EDUCATION.

At the last annual Town Meeting the sum of \$2,500.00 was asked for practical education, such as evening practical arts classes for women, evening trade extension classes for men, and a department for agricultural education in our high school. The town was to be reimbursed to a great extent by the State if it made the appropriation. This plan was presented to the Town Committee on Finance, and to the citizens at its regular town meeting. It was again presented to the Finance Committee, locally known as the "Committee of Fifteen" and to the citizens at a special Town Meeting which followed. The appropriation necessary for carrying out this plan was not recommended by the Committee of Fifteen, and was not approved by the citizens at either meeting.

We cannot but feel that education along practical lines should be attempted, and we are willing to assist in any way in our power whenever the citizens feel that such an innovation is advisable.

The universal criticism of the public schools today is founded upon their failure to provide a practical education. They have not kept pace with the demands of modern life. Hence the attitude towards a more practical education ought to be favorable to its initiation.



## HOUSEHOLD ARTS.

In the first half year there have been 106 girls below the High School in the cooking classes, compared with 119 the year before. During this last half year there are 160 girls in the classes, compared with 172 last year. In other words, 198 girls will have had the advantage of receiving instructions in cooking by the close of this year, compared with 212 the preceding year.

Of these 38 are in Grade IX., 68 in Grade VIII., and 92 in Grade VII.

The plan for cooking and sewing is as follows:

Grade 6. Sewing, once a week, throughout the year.

Grade 7. Sewing and cooking, half a year each.

Grade 8. Cooking, throughout the year.

Grade 9. Cooking and sewing, half a year each.

Nine pupils who elected the Household Arts course are pursuing the subject four hours per week throughout the year.

The total number of girls in the cooking classes, arranged by schools, follows:

### *First Half Year.*

	1914-1915	1915-1916	1916-1917
Morton Building, Grade IX.,	34	40	38
Morton Building, Grade VIII.,	37	36	35
Knapp Building, Grade VIII.,	13	18	17
Cornish Building, Grade VIII.,	21	20	16
Individual School,		5	
	<hr/> 105	<hr/> 119	<hr/> 106

### *Second Half Year.*

	1914-1915	1915-1916	1916-1917
Morton Building, Grade IX.,			4
Morton Building, Grade VIII.,	37	36	35
Knapp Building, Grade VIII.,	13	18	15
Cornish Building, Grade VIII.,	21	20	14

Cornish and Burton Buildings,			
Grade VII.,	43	42	38
Mt. Pleasant, Grade VII.,	25	19	15
Knapp Building, Grade VII.,	39	22	39
Chiltonville, Grades VII. and			
VIII.,	8	10	
Individual School,		5	
	<hr/>	<hr/>	<hr/>
	176	172	160

In the first half year there have been 217 girls below the High School in the sewing classes, compared with 216 the year before. During this last half year there are 147 girls in the classes, compared with 161 the last year. In other words, 249 girls will have had the advantage of receiving instruction in sewing by the close of this year, compared with 256 the preceding year.

Of these, 32 are in Grade IX., 98 in Grade VII., and 119 in Grade VI.

The total number of girls in the sewing classes, arranged by schools, follows:

*First Half Year.*

	1914-1915	1915-1916	1916-1917
Cornish and Burton, Grade VII.,	42	42	43
Mt. Pleasant, Grade VII.,	25	19	15
Knapp, Grade VII.,	29	22	40
Cornish, Grade VI.,	38	44	61
Mt. Pleasant, Grade VI.,	21	17	22
Knapp, Grade VI.,	40	51	36
Chiltonville, Grades VI., VII.,			
VIII.,	14	16	
Individual School,		5	
	<hr/>	<hr/>	<hr/>
	209	216	217



*Second Half Year.*

Morton, Grade IX.,	32	40	32
Cornish, Grade VI.,	38	44	60
Knapp, Grade VI.,	39	49	34
Mt. Pleasant, Grade VI.,	21	17	21
Chiltonville, Grade VI.,	8	6	
Individual School,	7	5	
	<hr/> 145	<hr/> 161	<hr/> 147

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THE DEPARTMENT OF COOKING AND SEWING AT  
THE HIGH SCHOOL.

The girls at the high school are 183 in number. Of these 65 are pursuing the course in cookery, distributed as follows:

	1914-1915	1915-1916	1916-1917
Seniors,	16	13	7
Juniors,	11	12	7
Sophomores,	22	24	21
Freshmen,	36	30	30
	<hr/>	<hr/>	<hr/>
Total,	85	79	65

Forty-five girls elected the course in sewing as follows:

Seniors,	1	6	2
Juniors,	8	8	3
Sophomores,	18	10	12
Freshmen,	18	2	28
	<hr/>	<hr/>	<hr/>
Total,	45	26	45

## EVENING SCHOOLS.

Two elementary evening schools, one at the Knapp and the other at the Cornish building, are maintained three evenings a week for a period of twenty weeks, to provide instruction for illiterate minors.

The following, enacted by the General Court, explains the necessity of an appropriation for this department:

“Every city or town in which there are issued during the year from September first to August thirty-first, certificates authorizing the employment of twenty or more persons who do not possess such ability to read, write and spell in the English language as is required for the completion of the fourth grade of the public schools of the city or town in which they reside, shall maintain during the following school year an evening school or schools for the instruction of persons over fourteen years of age in orthography, reading, writing, the English language and grammar, geography, arithmetic, industrial drawing, both free-hand and mechanical, the history of the United States, physiology and hygiene, and good behavior.”

A summary of the record of the evening schools for the full session from October 18, 1915, to March 30, 1916, follows:

### *Knapp School.*

Number of males enrolled,	53
Number of females enrolled,	25
Average number belonging,	56.34
Average evening attendance,	46.79
Per cent. of attendance,	83.05

### *Cornish School.*

Number of males enrolled,	10
Number of females enrolled,	4
Average number belonging,	9.99
Average evening attendance,	7.88
Per cent. of attendance,	78.88

The record of the evening schools from October 16, 1916, to January 11, 1917, follows:

*Knapp School.*

	1st Month	2nd Month	3rd Month
Number of males enrolled,	49	41	39
Number of females enrolled,	29	25	30
Average number belonging,	68.0	63.5	59.7
Average evening attendance,	59.75	55.8	52.0
Per cent. of attendance,	87.87	87.87	87.12

*Cornish School.*

	1st Month	2nd Month	3rd Month
Number of males enrolled,	4	6	6
Number of females enrolled,	4	5	5
Average number belonging,	4.33	8.5	9.3
Average evening attendance,	3.83	6.7	6.5
Per cent. of attendance,	88.45	78.82	69.89

Our Evening Schools are open to the following classes:

1. Those who cannot read any language.
2. Those who can read their native tongue only.
3. Those who speak English but cannot read the language.
4. Those who cannot speak nor read English.
5. Those who have a meagre knowledge of English.
6. Those who desire more advanced work.
7. Those who wish to prepare for naturalization.

# EMPLOYMENT AND EDUCATIONAL CERTIFICATES.

*Statistics for the Year Beginning January 1, 1916, and ending  
December, 31, 1916.*

	Number of minors receiving certificates	Number of certifi- cates issued to minors.
Employment certificates for minors be- tween 14 and 16 years of age,	144	188
Educational certificates for minors over 16 who can read, write and spell in the English language in accordance with the requirements of the comple- tion of the fourth grade,	343	427
Educational certificates for illiterate minors over 16 years of age,	64	74
Home permits, for minors between 14 and 16,	36	36

Every employed person between the ages of 14 and 21 must have a certificate. Such person must prove his age by a birth certificate, baptismal certificate, passport, or some other satisfactory evidence.

If he is under 16 years of age he must attend day school until he is able to fulfill the requirements of the completion of the fourth grade. If he is over 16 years of age and cannot meet the above requirements he must attend the evening school.

Minors between the ages of 14 and 16 must either be employed or attend day school. In order to work he must present a physician's certificate of health, the employer's promise to employ, and a school record.

A new certificate must be obtained every time he changes his place of employment.

Employers must return to the superintendent of schools the

certificate of minors leaving their employ, within 48 hours after employment has ceased.

Practically all who are granted Home permits are required to attend one session daily, a school at which individual work is the predominating feature.

### SUMMER SCHOOL.

There was an entering group of 149 pupils, 37 attending without conditions. Five teachers were employed.

The cost of the schools for the summer of 1916 was \$378.00.

### ATTENDANCE AT SUMMER SCHOOLS.

	GRADES				
	4	5	6	7	8-
Number entering,	29	37	35	26	22
Number enrolled at end of two weeks,	27	52	35	31	21
Number enrolled at end of four weeks,	25	52	34	29	19
Number enrolled at end of six weeks,	23	52	33	29	17
Number unconditioned,	7	10	7	11	3
Number promoted conditionally,	21	42	24	18	19
Number not promoted,	1	0	2	2	0
Number conditioned in one subject,	9	14	2	2	7
Number conditioned in two subjects,	7	14	10	14	11
Number conditioned in three subjects,	5	12	11	2	0
Number conditioned in four subjects,	0	2	1	0	1
Number taking arithmetic,	28	48	30	22	14
Number taking geography,	6	11	4	7	2
Number taking history,	0	2	0	8	0
Number taking language,	17	25	27	8	4
Number taking grammar,	0	9	20	9	16
Number taking spelling,	17	6	1	0	0
Number taking reading,	3	3	0	0	0



Average age in years and months: Fourth grade, 10 years, 8 months; fifth grade, 11 years, 7 months; sixth grade, 13 years; seventh grade, 12 years, 6 months; eighth and ninth grades, 14 years, 3 months.

### SIGHT AND HEARING TESTS.

The tests of sight and hearing have been made by the teachers, as required by law.

	1913-14	1914-15	1915-16	1916-17
Number of pupils examined,	2,287	2,323	2,335	2,396
Number found defective in eyesight,	248	224	240	222
Number found defective in hearing,	28	32	52	41
Number of parents or guardians notified,	220	180	204	191

### TEACHERS' RETIREMENT SYSTEM.

Forty-five Plymouth teachers have taken advantage of the Teachers' Retirement law, and are paying into the treasury of the Commonwealth five per cent, of their salary, or the aggregated yearly sum of nearly \$1,800.00

Amounts deducted for the Retirement from the Salaries of Plymouth teachers:

From—	
Sept., 1914 to July, 1915,	\$1,124 62
Sept., 1915, to July, 1916,	1,532 74
Sept., 1916, to Jan., 1917,	650 68
Total,	<u>\$3,308 04</u>



Report of teachers and the amounts paid, ending December, 1916:

Number of Teachers	Each Paying Monthly	Total Monthly	Total Yearly
2	\$10 00	\$20 00	\$200 00
1	5 00	5 00	50 00
5	4 50	22 50	225 00
2	4 00	8 00	80 00
35	3 50 .	122 50	1,225 00
—			
45		\$178 00	\$1,780 00

#### ADDITIONAL STATISTICS FOR 1915-1916.

Total enrollment of pupils,	2,512
Average daily attendance,	2,064.65
Average membership,	2,317.39
Per cent. of attendance,	89.09
Aggregate attendance,	378,848

In closing this report I wish to express my appreciation for the spirit of co-operation so generally apparent.

Respectfully submitted,

CHARLES A. HARRIS.

## HIGH SCHOOL REPORT

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Mr. Charles A. Harris,  
Superintendent of Schools.

Dear Sir:

I hand you herewith my sixth annual report for the Plymouth High School.

### *The School.*

The total membership of 310 is two less than last year, and is divided as follows: Seniors, 59; Juniors, 61; Sophomores, 80; Freshmen, 106; Post-Graduates, 4.

The year has brought its encouragements and discouragements. Encouragements because of the high rank taken by many of those who have entered higher institutions, the many words of commendation coming from those who have employed the graduates of our Commercial Department, and, in general, the better scholarship and better spirit in the school. Discouragements because a large number of the pupils fall so far short of what they ought to attain, a fact due, in my opinion, to lack of systematic home study. This can be remedied only by that close relationship between parents and teachers which brings about hearty and sympathetic cooperation. The school cannot make the child study in the home, neither can the home make him study in the school, but if both the home and the school work together, there would be a vast change. The Parent-Teacher Association can and I believe it will do much to improve this condition.

A study room has been established where those pupils who do not spend enough time in home study are made to return in the

afternoon, 4 days per week, for two hours of supervised study under an experienced teacher. This seems to work well, and in the majority of cases, marked improvement is seen in the work.

### *Teachers.*

With two exceptions the corps of teachers is the same as at the close of last year. In the resignation of Miss Helen L. Barnes the school has lost an efficient, loyal, and valued teacher, the scholars, an able instructor, and a sympathetic friend and teacher. Her strong personality made itself felt in all the activities of the school and her loss is regretted by everyone.

The school has been fortunate in securing the services of Miss Alice A. Preston, a graduate of Boston University, and a teacher of experience, who has taken up the work of this department with enthusiasm which augurs well for her success.

Miss Paulyle W. Flavell, a graduate of this school in the class of 1912, and of Smith College in the class of 1916, was engaged to do work in both the Junior and Senior High Schools. Her work in History and English in the Senior High School has been very satisfactory.

### *Social and Other Activities.*

The socials held in High School hall have continued to be very popular with the student body and have done much to create the right kind of a spirit in school, and to bring about a closer and more cordial relation between teachers and pupils and between the different classes. Two debating clubs, one for boys and one for girls, have been organized. The meetings of these clubs are under the direct supervision of a teacher, and are intended to give the boys and girls that training which is fast becoming a necessary asset for their success in life. There seems to be much interest in this work and the two clubs have a membership of over 40.

There has also been formed "The Plymouth Colony of the Massachusetts Province of the Patriotic League of the United

States.” As was fitting, the Plymouth colony was the first to be organized. The purpose of this league, which is under the direction of Mr. Samuel Abbott, of Newton, is to form a colony in every high school in America in order to create a greater interest in the History of the United States and to arouse in every child a pride in his own country which makes for true patriotism.

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### THE WORK OF THE SCHOOL

All the departments are, I believe, steadily increasing in efficiency, but I wish to call your attention to the work of two.

There has been greater improvement in the English Department the past year than at any time during the present administration. It is enough to disorganize any school to be obliged to change teachers as often as we have in this subject. The pupils are now being held up to a high standard of scholarship and are beginning to realize that English is their most important study. If the present efficient teacher can be retained for a period of years, I believe we will have an English Department second to none in the State.

The work in cooking and sewing is arousing greater interest and greater enthusiasm each year. We have a department of which we may well be proud. The study of Dietetics is being taken up this year which will add much to the usefulness of the course.

At the beginning of the year there was a demand for a class in Camp Cooking, and we now have 14 boys who are learning that which will be of great value to them in later life.

#### *Recommendations.*

I would respectfully call your attention to the last report of the High School in regard to a lunch room. The need is greater today than ever. I urgently recommend that a good one be established before another year.



The work in cooking has been somewhat hampered by the fact that the rooms have never been completed and equipped. I believe it is due to the splendid results attained during the past three years by both teacher and pupils that this should be done.

The steadily growing demand for the study of Spanish has induced a large number of High Schools to introduce it, and all Scientific and Technical Schools and many Colleges accept it as one of the Modern Languages required. I believe there is going to be an increasing demand for young men with a technical training and a knowledge of the Spanish language. I would, therefore, recommend that it be placed in our curriculum.

In closing, I wish to express my appreciation for the cordial support given me by the School Committee and yourself, and for the loyal co-operation of my associates in making the year a success.

WILLIAM C. WHITING.

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#### HIGH SCHOOL.

##### Pupils in High School Membership:

	Boys	Girls	Total
First Year,	39	67	106
Second Year,	39	41	80
Third Year,	23	38	61
Fourth Year,	26	32	58
Post Graduates,		5	5
Total,	127	183	310

Number graduated in last school year:

Total graduates,	24	35	59
Attending colleges,	4	1	5
In A. B. courses,	4	1	5
Attending State Normal Schools,		4	4
Attending other schools,	4	7	11
Total continuing their schooling,	8	12	20

*Classes of Various Sizes.*

Total number of classes in all subjects except music and physical training — 84. Of these

- 5 contain 1-5 pupils.
- 8 contain 6-10 pupils.
- 11 contain 11-15 pupils.
- 13 contain 16-20 pupils.
- 17 contain 21-25 pupils.
- 14 contain 26-30 pupils.
- 13 contain 31-35 pupils.
- 1 contains over 35 pupils.



## REPORT OF ATTENDANCE OFFICER

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Mr. Charles A. Harris, Supt. of Schools:—

I respectfully submit the following report from Jan. 1, 1916, to Jan. 1, 1917.

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	Cases of Truancy	Cases of Sickness	Other Cases of Absence	Investigated
Alden Street School,	0	1	1	2
Allerton Street School,	0	1	1	2
Burton School,	4	13	5	22
Cold Spring School,	2	4	1	7
Cornish School,	4	14	74	92
Chiltonville Grammar School,	1	2	8	11
Chiltonville Primary School,	0	0	2	2
Hedge School,	5	9	59	73
High School,	7	0	9	16
Individual School,	3	7	56	66
Knapp School,	1	1	43	45
Knapp Evening School,	0	0	15	15
Lincoln Street School,	0	3	0	3
Mount Pleasant School,	10	14	27	51
Nath. Morton School,	2	7	21	30
Oak Street School,	0	3	4	7
South Street School,	3	1	6	10
Spooner Street School,	3	8	8	19

Cases investigated for Superintendent's office,	157
Employment Certificates Investigated,	37
	<hr/>
Number of Homes Visited,	667
	<hr/>
Total number of investigations,	667
Found on street and taken to school,	3
Number of visits to schools,	43
Number of habitual absentees brought to court,	1

I wish to thank the Superintendent and teachers for the kind assistance which they have given me during the past year.

Respectfully submitted,

JOHN ARMSTRONG,

*Attendance Officer.*

## LIST OF TEACHERS

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### *High School.*

Wm. C. Whiting, Principal, 3 Lothrop street.  
Walton E. Briggs, 5 Lothrop street.  
Elizabeth Mackenzie, 2 Sever street.  
Ella A. Kimball, 20 Winslow street.  
Helen W. Smith, 18 Allerton street.  
Alice A. Preston, 22 Allerton street.  
Mary R. Miller, 27 Russell street.  
Lucia M. Richardson, 9 Sever street.  
Mary L. Lowden, 18 Allerton street.  
Gertrude Darling, 21 Chilton street.  
Edna M. Sturtevant, 27 Russell street.  
Almira B. Coffin, 2 Sever street.  
Paulyle W. Flavell, 145 Court street.

### *Hedge School.*

Grade 1. Elizabeth H. Sampson, Principal, Clifford Road.  
“ 1. Dora L. Dexter, Plymouth, Mass.  
“ 1. Helene E. Field, 8 Park Avenue.  
“ 2. Lorna Doon, 12 Sever street.  
“ 2. Grace N. Bramhall, 12 Sever street.  
“ 2. Ruth M. Gammons, 19 Franklin street.  
“ 2. Bertha E. McNaught, 6 Samoset street.  
“ 3. Lucy L. Hildreth, 133 Court street.  
“ 3. Ella F. Robinson, 12 Sever street.  
“ 4. Mary J. Pimentel, 15 Savery avenue.

*Knapp School.*

- Grade 8. William I. Whitney, Principal, 6 North street.  
“ 7. Maude H. Lermond, 31 North street.  
“ 6. Lydia E. Holmes, 261 Court street.  
“ 6. Eva M. Garvin, 27 Mt. Pleasant street.  
“ 5. Katherine G. Zhan, 320 Court street.  
“ 5. M. Alice Morong, 133 Court street.  
“ 4. Helen Klocker, 38 Union street.  
“ 3. Annie S. Burgess, 37 Union street.  
“ 1. Flora A. Keene, 21 Stafford street.

*Cold Spring.*

- Grade 2. Gertrude C. Bennett, 12 Stafford street.  
“ 3. Mabel F. Douglas, 200 Court street.

*Alden Street.*

- Grade 5. Susan C. Thomas, 200 Court street.

*Allerton Street.*

- Grade 1. Helen F. Holmes, 28 Chilton street.

*Oak Street.*

- Grades 1-2. Agnes V. Eaton, 19 High street.  
“ 3-4. Bertha H. Smith, 22 Pleasant street.

*Cornish School.*

- Grade 8. Addie L. Bartlett, Principal, 22 Pleasant street.  
“ 8. Frances I. Bagnell, 5 Spring street, Kingston, Mass.  
“ 6. Jean Murray, 11 Brewster street.  
“ 6. Mary M. Dolan, 11 Lothrop street.  
“ 5. M. Etta Cooney, 10 Winslow street.  
“ 5. Charlotte E. Lovering, 12 Sever street.  
“ 3. C. Irene Beer, 58 Samoset street.  
“ 2. Arline Avery, 28 Allerton street.  
“ 1. Margaret L. Christie, 401 Court street, N. Plymouth.

*Burton School.*

Grades 3-4. Grace Blackmer, 5 Warren avenue.

Grade 4. Teresa A. Rogan, Newfields street.

“ 7. Abbie E. Ashton, 28 Vernon street.

“ 7. Florence I. Murray, 11 Lothrop street.

*Mt. Pleasant School.*

Grade 7. Augusta M. Morton, Principal, 162 Sandwich street.

“ 6. Alice M. Cagney, Winslow street.

“ 5. Grace L. Knight, 133 Court street.

“ 4. Ruth Mansfield, 27½ Fremont street.

“ 3. Helen H. Linnell, 72 Warren avenue.

“ 1. Lizzie E. Mitchell, 5 Mt. Pleasant street.

*Wellingsley.*

Grades 1, 2, 3, 4. Cora W. Gray, 133 Court street.

*Chiltonville Grammar.*

Grades 6, 7, 8. Beatrice Curran, Warren ave. near Cliff street.

*Chiltonville Primary.*

Grades 1-5. Catherine W. Sampson, Clifford Road.

*Cliff Street.*

Grades 1-5. Helen D. Stranger, 126 Sandwich street.

*Russell Mills.*

Grades 1-5. Mary A. Morton, Chiltonville.

*Manomet.*

Grades 1-4. Grace F. Farrington, 1 Mt. Pleasant street.

“ 5-8. L. A. M. Black, 7 Stephens street.

*Vallerville.*

Ungraded. Mary E. Robbins, 7 Water street.



*Cedarville.*

Ungraded. Rhoda M. Haskell, Bournedale.

*Long Pond.*

Ungraded. Lida M. Bassett, Bournedale.

*Spooner Street.*

Grades 3-4. Susan M. Quinn, 147 Main street, Kingston.

*Household Arts.*

Hazel A. Ross, 38 Union street.

*Music Supervisor.*

Laura E. Brown, 5 Holmes terrace.

*Manual Training and Drawing.*

Jennie F. Stratton, 2 Sever street.

Dorothy Nichols, Cohasset.

*Morton School. (Junior High)*

Katherine A. O'Brien, Principal, 23 Nelson street.

Fred L. Shea, 28 Russell street.

Eunice B. Paulding, 12 Sandwich street.

Leonora Stiles, 38 Union street.

Marion F. Leonard, 38 Union street.

*Lincoln Street.*

Grade 1. Grace R. Moor, 110 Sandwich street.

“ 2. Helen G. Annis, 102 Allerton street.

*South Street.*

Grade 2. Bertha E. Hood, 27½ Fremont street.

*South Street. (Special School).*

Mary L. Jackson, 7 North Green street.



## REPORT OF SCHOOL PHYSICIAN

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To the School Committee of Plymouth:—

I submit for your approval my tenth annual report.

During the ten years since the inception of medical inspection of school children in Plymouth, there has been a steady growth in the scope and efficiency of the work. At first it was necessarily limited to an attempt to merely meet as well as we could the requirements of the law, but gradually new features have been added. A thorough study of the seating problem resulted in a regular and scientific adjustment of school furniture twice a year in place of the old haphazard adjustment by guess.

A notable step forward was the opening of the Dental Clinic with corps of experts examining the mouths of the children, reporting the exact conditions to parents and treating those who cannot afford treatment, not gratis but for a sum which they can pay without hardship.

Rules for the better control of contagious diseases were carefully compiled and adopted.

The "special" school for retarded pupils, while it cannot be claimed as a part of the system of medical inspection, was foreshadowed in the first report in 1907 and the problem more carefully worked out and brought to your attention in the report for 1912. To the interest which Mr. Harris, your superintendent, has taken in this problem and his earnest efforts we owe the establishment of the school.

The greatest advance which the work has made since it began, took place when the committee decided to employ a school nurse who should devote her whole time to the health of the children.

Briefly these are some of the ways in which this department has grown in importance and efficiency, but we are still looking forward to larger things in the not distant future.

### FRESH AIR ROOMS.

It has been possible, through the cooperation of the Public Health Committee of the Woman's Club, to give the cloth window screens referred to in the 1915 report, a trial. As they were not obtained until the late spring of 1915, no fair test of their usefulness could be made as the outside temperatures were not sufficiently low to require much artificial heat in the school rooms, but the impression gained from observations of the conditions in the cloth screened room in the Cornish building compared with a similar one in the same building not screened, indicated that when the outside temperature was below, say  $40^{\circ}$ , the room temperature in the screened room could be kept from  $3^{\circ}$  to  $5^{\circ}$  lower than in the other room with greater comfort to the teacher and pupils.

With the advent of really cold weather an attempt was made to get some accurate data and arrive at some definite conclusions as to the usefulness of the screens.

In reporting tests the room furnished with cloth window screens will be referred to as Room A and other unscreened rooms as Room B and Room C. Room B is across the corridor from Room A and Room C directly under it.

These three rooms are for all practical purposes identical, containing 9720 cubic feet and having 120 square feet of window space. Room A has 60 square feet of window space covered with unbleached cotton cloth through which fresh air from the outside filters into the room.

The following table shows the out-door temperature at 9 a. m. for five consecutive days, also the average temperature of Room A and Room C for each day and the amount of heat used by each room. The method of estimating the use of heat was as

follows. A marker was placed upon the chain controlling the heat valve and a graduated scale from 0 to 20 placed vertically beside it, so that when the valve was entirely closed, the marker on the chain indicated 0, and when the valve was wide open the marker indicated 20. Thus the figures from 1 to 20 may be considered as representing so many heat units, and as the source of heat is the same for both Room A and Room C, records showing the position of the marker on the scale taken at regular and corresponding intervals in each room should show the relative number of heat units being used in each room. Room doors were kept closed during all tests.

Table showing average daily temperature and relative amount of heat used in Rooms A and C for five consecutive days.

DATE	Out-Door Temperature	ROOM A		ROOM C	
		Average Temp.	Heat used	Average Temp.	Heat used
29	22°	66°	3	68.3°	6
30	40°	70°	0	69.1°	3
31	34°	66.1°	5	68.8°	12
1	38°	68.5°	2	65.5°	25
2	17°	66°	26	68.8°	39

When the screens were first introduced in Room A the fact was noted by several observers, and repeatedly, that at the same thermometer temperature the screened room would feel warmer than Room B, unscreened. The hope, therefore, naturally arose that the claim of the advocates of this method of introducing fresh air into school rooms, that it is not only a health conserving, but an economic measure, because of the saving of fuel, might be borne out by further investigation. Reference to the above table shows that by actual test more heat was used in the

unscreened room each day, the difference in the number of units used in the two rooms ranging from 3 to 23.

The average temperature of Room A for the entire week was 67.3° and of Room C, 68.1°, so that very nearly the same temperature was maintained in each, but while Room A consumed but 36 heat units in the entire week of the test, Room C consumed 85 during the same period, thus confirming the claims made by the advocates of cloth screens, that they lessen heat consumption and reduce coal bills.

However important economic considerations may be, they are secondary to the physical welfare of the child and the really vital thing to be determined is whether the screens really do change the character of the air in the school room, making it more healthful. It has been shown beyond the possibility of a doubt that the trouble with the air in school rooms heated to a point of comfort is that it is too dry and that this does harm to the delicate mucous membranes of the children and makes them languid and listless, subject to colds and susceptible to germ invasion. We are told that cloth screens have been used in many other places admitting more moisture and improving conditions, but what we want to know is whether the cloth screens in use here are actually introducing more moisture in the air in our school rooms.

In order to settle this point, an attempt was made to test the humidity in Rooms A and B, but the instruments used were unsatisfactory and it was not considered fair to draw any conclusions from such evidence. Later, however, by the courtesy of the Plymouth Cordage Company, two excellent hygrometers were obtained for the experiment. These instruments operate on the evaporation principle, are made by Huddleston of Boston and are thoroughly reliable. They were placed as nearly as possible in identical positions in the rooms under observation, new wicks were placed in them and they were filled with distilled water which was renewed daily. Moreover the instruments were changed, one replacing the other daily, in order to



eliminate the possibility of error on account of any possible slight discrepancy between the readings of the two instruments.

The result of this test is shown in the following chart. The upper portion gives temperatures only, the lower portion humidity. Both Room B and Room C are compared with Room A in order to make sure that the differences are not due to local conditions.

It will be noted that the humidity in the screened room, Room A, indicated by the dotted line, is almost constantly higher than that in the other rooms, even though the temperature runs slightly higher which would tend to make the air drier. It will also be noted incidentally that the dotted temperature line representing Room A is much more even than the continuous line representing the other rooms, showing that a more equable temperature has been maintained in the screened room.

Any extended test to determine how nearly the humidity in the screened room approaches the ideal condition of the outdoor air is impossible at this season with instruments depending on the principle of evaporation, on account of the danger of freezing the water and injuring the instruments, but a comparative test of humidity was secured on a warm day as follows:

Time	Humidity in Room A	Humidity in Open Air
10 a. m.	61.5	76.5
11 a. m.	61	70.5
1.30 p. m.	57.5	52.5
2.30 p. m.	51.5	47
3.30 p. m.	51.5	45

Out-of-doors the humidity started high in the morning, but dropped rapidly until in the afternoon the instrument in the screened room registered actually higher than the one outside.

The average humidity for the whole day outside was 58.3 and in the screened room 56.6.

There are so many factors at work outside the school affecting

the attendance that it is perhaps not safe to depend too much upon this as evidence for or against the healthfulness of any particular scheme of ventilation but it is interesting to note that in the present instance the evidence is corroborative.

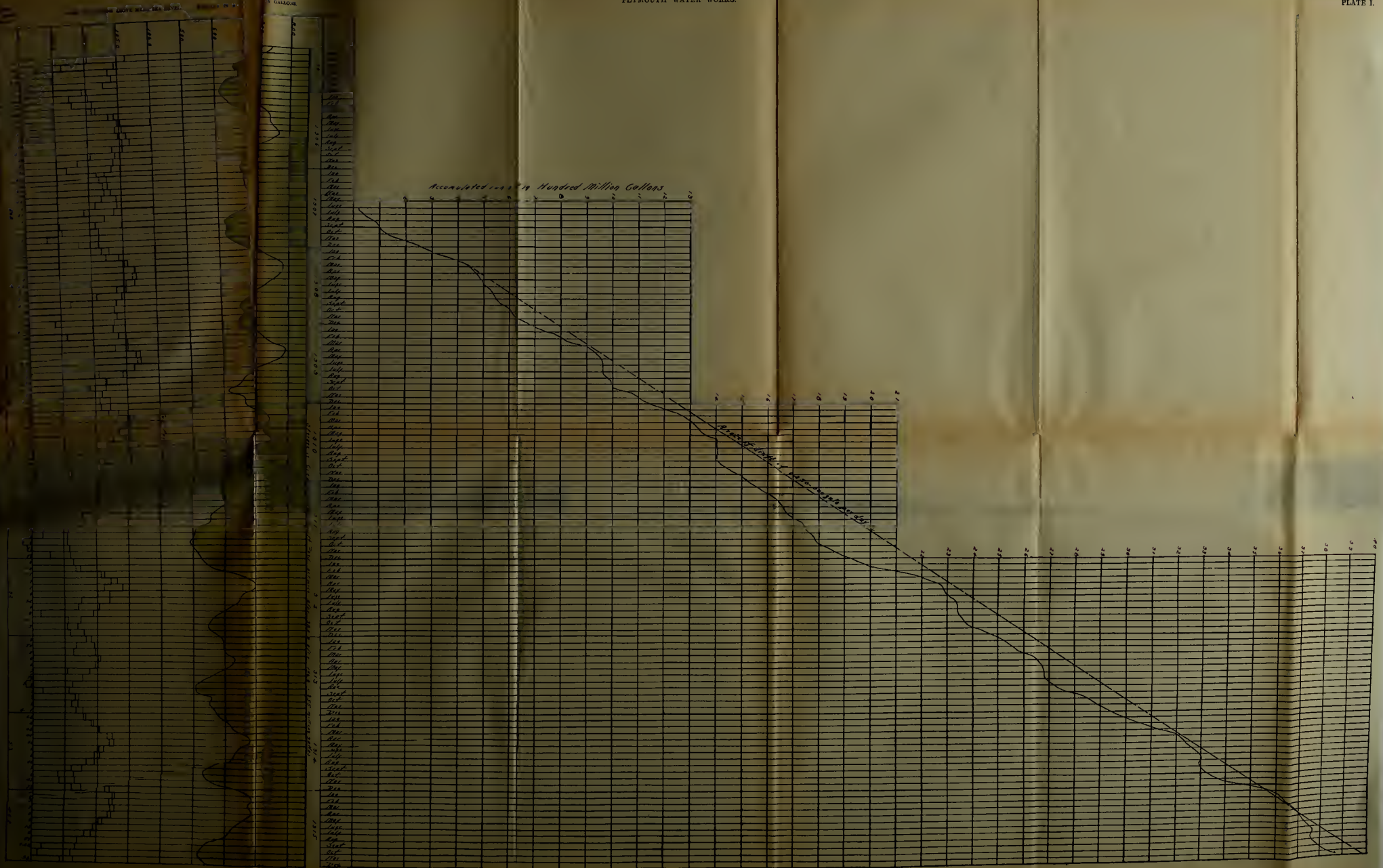
The average of the percentage of attendance of Rooms A, B and C for December, 1915, was 96.75 and the percentage of Room A 97.05. In December, 1916, the average of the percentages of attendance of the three rooms was only 94.23, while the percentage of attendance of Room A not only did not fall with the general average, but was actually slightly higher than the previous year, being 97.1. \*

From observations and tests the following conclusions seem reasonable:—

1. That pupils and teachers find rooms equipped with cloth window screens more comfortable than rooms not so screened and prefer them.
2. That the use of cloth window screens effects a remarkable saving in the consumption of heat.
3. That the air in rooms equipped with cloth window screens contains a higher percentage of moisture and is, therefore, more healthful than the drier air in unscreened rooms.
4. That the evidence obtained from attendance records of rooms with cloth window screens compared with others is strongly corroborative of the theory that such screens are an efficient means of improving the health of school children.

\*Note. The principal of the Cornish School reports that of two identical rooms in the Burton School, one furnished with cloth window screens showed a percentage of attendance of 96.6 during January, 1917, while the unscreened room showed a percentage of 87.3. The cloth screened room in the Burton building showed the highest percentage of attendance of any of the eighteen rooms in the Cornish district.





*Dispensary.*

The public dispensary in the Governor Bradford building required by law (Acts of 1911, 576 as amended by Acts of 1914, 408) for towns of ten thousand or more inhabitants and maintained by the Board of Health has, for the first time in Plymouth, afforded a place where children (as well as adults) with tuberculous tendencies can be examined, given appropriate instruction and treatment, free. During 1916 a number of children have benefited by this recent institution: and one, a little girl, has been sent to the State Sanatorium for Children at Westfield where she is reported as doing well.

The school physician suggests that the School Committee, with the consent of the Board of Health, place a small amount of equipment to cost approximately \$100.00 in the dispensary rooms, thus extending their usefulness by the treatment of needy children with eye and ear diseases and defects who are thereby seriously handicapped in their work. Children suffering from trachoma, an eye disease which is a serious menace to others unless treated, could be cared for there, the dispensary cooperating with the attendance officer and nurse to keep the children efficient and in school.

At present this work is done at the office of the school physician on Saturday mornings, 37 clinics having been held during the past school year. The total number of treatments given was 111 of which 27 were for diseases of the ear and 84 for eye diseases. Eighteen children with errors of refraction were examined and in 9 cases glasses were procured with funds contributed by charitable organizations for the purpose. Six children suffering with trachoma have been treated.

Such an arrangement as suggested would be another step ahead for our school system similar to that in providing a free dental clinic, for at present there is no public hospital or dispensary in Plymouth where these children may be cared for. The cost for upkeep would be practically nothing.

*Contagious Disease.*

The epidemic of measles which was reported last year as having started in the north part of the town continued to spread, sweeping through the center, on to Chiltonville and Manomet and away to the south.

The records of the Board of Health for the past ten years show that there was an epidemic in 1904 when 111 cases were reported, a lighter one in 1907 with 58 cases reported and one in 1912 with 100 cases reported.

From these data it is evident that the pupils of the first three grades have never been exposed to an epidemic of measles other than that of 1915-6 since entering the public schools.

In order to determine how many pupils from the several grades had escaped infection, a census was taken with the following results:

Grade	Number of pupils	Number uninfected	Per cent.
1	257	65	25.29
2	225	69	30.66
3	265	54	20.37
4	217	32	14.74
5	226	22	9.73
6	179	19	10.61
7	145	15	10.34
8	134	12	8.95
9	65	6	9.07
Ungraded	126	17	14.28

Of the first grade 25.29% escaped, of the second grade 30.66%, of the third 20.37%. Of the first three grades, then, the members of which have experienced only this one epidemic while in school, 25.44% or about one quarter have escaped. If, by as strict an enforcement of our rules with regard to this disease as we are able to get, one quarter of the pupils escape infection, are we working in vain? Or would other methods with the same means at our disposal yield better results? These are questions which concern us.



Owing to the prevalence of acute anterior poliomyelitis in the State and particularly in Boston, the opening of the fall term was delayed to September eleventh with the question of a further delay still under discussion up to within a few days of that date.

When it was definitely decided to open the schools on the eleventh, a plan for the daily inspection of pupils and teachers was adopted under the direction of the Committee.

Drs. Pierce, Jackson, Churchill and Prince were appointed inspectors and with the school physician were each assigned certain schools for which they were to be responsible, and given the following instructions prepared with the advice and by the direction of the Committee.

“As an acting medical inspector the following schools have been assigned to you;—

..... School

..... School

You will make an inspection on the morning of each school day until further notice, assuring yourself that all pupils attending the schools in your charge are free from any disease dangerous to the public health.

Should you find it necessary to exclude a child, you will fill out one of the exclusion cards with which you will be supplied (stating only that the condition is unsatisfactory unless diagnosis is positive) and give it to the excluded child, reporting the name and address to the office of the school physician, 43 Court street, between the hours of 9 and 12 a. m. and 1 and 5 p. m. Telephone 221-W.

It is desirable as far as possible to exclude children from the public schools who have been away from Plymouth within a period of two weeks. This can probably be best brought about by the teachers. You will, therefore, direct the teachers to request all children who have been away from Plymouth to remain out until two weeks from the time of their return.

You will also instruct the teachers not to have the children

use pencils, books, paper or school material of any kind in common, and to discourage all games during which the children hold each others hands or otherwise come into immediate contact.

Any defects in the school sanitation should be reported at once.

Inspectors will assure themselves that the physical condition of the teachers as well as the pupils is satisfactory."

Arrangements were made with the superintendent of schools so that all new pupils must invariably pass through his office before being admitted to the public schools and in case they were from out of town a certificate was required from the Board of Health or the school physician. The Board of Health maintained officers at the Plymouth and Seaside stations sending the superintendent of schools and school physician a daily list of children who arrived, with information as to where they came from, their destination and how long they intended to remain. The school nurse was kept in touch with these reports, investigating suspicious cases and, as far as possible, looking up pupils absent from school.

General inspection was gradually omitted, finally ending on September 27th.

#### DENTAL CLINIC.

The following data have been taken from the records of the clinic for the past year.

January, 1916, was devoted to examinations of the pupils at the Mt. Pleasant School, the dentist and his assistant making four trips to the school on the following dates, Jan. 7, 14, 21, 28.

Number of pupils examined,	218
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Of that number the following had teeth which needed no treatment of any kind,	55
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The first clinic for the Mt. Pleasant pupils was opened on February 5, 1916, continuing through June 17th, which was



the last clinic of the term; making a total of 17 clinics on Saturday mornings from 8 to 10 o'clock.

Number receiving treatment,	52	
Number of teeth filled,	33	
Number of teeth extracted,	27	
Pupils having teeth cleaned,	35	
Total number of treatments,		95

In addition, one pupil each was sent in from the Cold Spring and Spooner St. Schools for extractions.

Number examined,	2	
Number receiving treatments,	2	
Number of teeth extracted,	3	

Total number of treatments,		3
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The first clinic, after school opened on September 11, was held on October 7th, and thereafter, through December 22, which was the last week of the fall term, 9 were held.

(September was devoted to examinations, also part of October and December, on pupils who had not been examined, namely; at the Cold Spring, Alden St. and Hedge Schools.

The work was as follows:

*Cold Spring School*

Number examined (Sept. 28, 1916)	73	
Number with perfect teeth,	1	
Number of pupils treated,	11	
Number of fillings,	14	
Number of cleanings,	3	
Number of extractions,	6	
Total number of treatments,	—	23

*Alden Street School.*

Number examined (Oct. 17, 1916)	42	
Number with perfect teeth,	1	
Number of pupils treated,	13	
Number of fillings,	11	
Number of cleanings,	4	
Number of extractions,	6	
Total number of treatments,	—	21

*Hedge School.*

Number examined (Dec. 15, 1916)	30	
Number with perfect teeth,	1	
Number of pupils treated,	6	
Number of fillings,	2	
Number of cleanings,	5	
Number of extractions,	1	
Total number of treatments,	—	8

In addition pupils were sent in from the Cornish School as follows:

Number examined,	5	
Number of pupils treated,	5	
Number of fillings,	8	
Number of cleanings,	3	
Number of extractions,	3	
Total number of treatments,	—	14

From the foregoing tables, we make the following totals:

Total number of examinations,	370	
Total number of pupils treated,	89	
Total number of fillings,	68	
Total number of cleanings,	50	
Total number of extractions,	46	
Total number of treatments,	—	164

The following is a summary of the total number of treatments since 1913, when the first clinic was opened, to the present date.

1913	59
1914	113
1915	170
1916	164

It will be noted from this table that the Total Number of Treatments for 1916 does not show a gain over the preceding year. This is accounted for by the fact that in 1915 only 19 examinations were made, as work was on pupils previously

examined, while during the year 1916, 370 pupils were examined, thus taking the time that would otherwise have been used for clinics. The total number of treatments for 1915 is, however, but 6 more than 1916, while the number of examinations for 1916 is 351 more than the preceding year.

A meeting of the dentists interested in the dental clinic was held on Wednesday, November 22nd. Matters pertaining to the work were discussed and some recommendations were made which have been carried out.

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### SCHOOL NURSE.

#### Report for 1916.

Number of school visits, .....	565
Number of home visits, .....	595
Cases treated in school, .....	942
Contagious diseases found in school, .....	78
Contagious diseases found in homes, .....	65
Referred to physicians, .....	36
Number of individual inspections .....	5860

A great many children are suffering from diseased tonsils and adenoids, but owing to lack of facilities none have been treated since last June, fourteen having been previously operated on at the Jordan Hospital, the ladies of the Pilgrimage Church, the Fragment Society, Lend-a-Hand, and Catholic Ladies Aid have helped to furnish glasses and clothing for worthy cases.

About two hundred tooth brushes and one hundred and fifty boxes of tooth powder have been distributed during the year.

Respectfully submitted,

SUSIE MACDONALD, R. N.

As there are now a large number of Portuguese families in town in many of which not a word of English is spoken, the cards calling the attention of parents to the dangers of decayed teeth and unclean mouths which have heretofore been in English and Italian now include a Portuguese translation. Directions for the removal of pediculi are also used in that language where it is desirable.

The "life" card now in use for the physical record of the pupils avoids the danger of counting the same disease more than once in case the child is seen repeatedly, and therefore yields more accurate data than was formerly possible. These physical record "life" cards are to follow the child as he or she progresses from one school to another in company with the ordinary "life" cards containing the record of scholarship, so that the complete school history and present status of each pupil, both physical and educational, will be available at any time.

The following diseases and defects have been found during the year as shown by the records:

1. Pediculi,	
(a) Nits,	43
(b) Active,	49
2. Enlarged tonsils,	
(a) Moderately enlarged,	304
(b) Large,	268
(c) Greatly enlarged,	105
3. Decayed teeth,	
(a) Few cavities,	468
(b) Many cavities,	416
(c) Very bad condition,	85
4. Adenoids,	98
5. Nasal,	
(a) Catarrh,	44
(b) Obstruction,	23

6. Eye diseases,	
(a) Lid, .....	160
(b) Ball, .....	7
(c) Strabismus,	
Corrected, .....	13
Uncorrected, .....	9
(d) Muscular imbalance, .....	65
7. Ear diseases, .....	14
8. Enlarged glands, .....	35
9. Pulmonary diseases, .....	7
10. Cardiac,	
(a) Organic, .....	4
(b) Functional, .....	6
11. Skin disease, .....	108
12. Spinal defects, .....	14
13. Uncleanliness, .....	6
14. Nervousness, .....	18
15. Malnutrition, .....	20
16. Tonsilitis, .....	11

Summary from Monthly reports of School Physician.

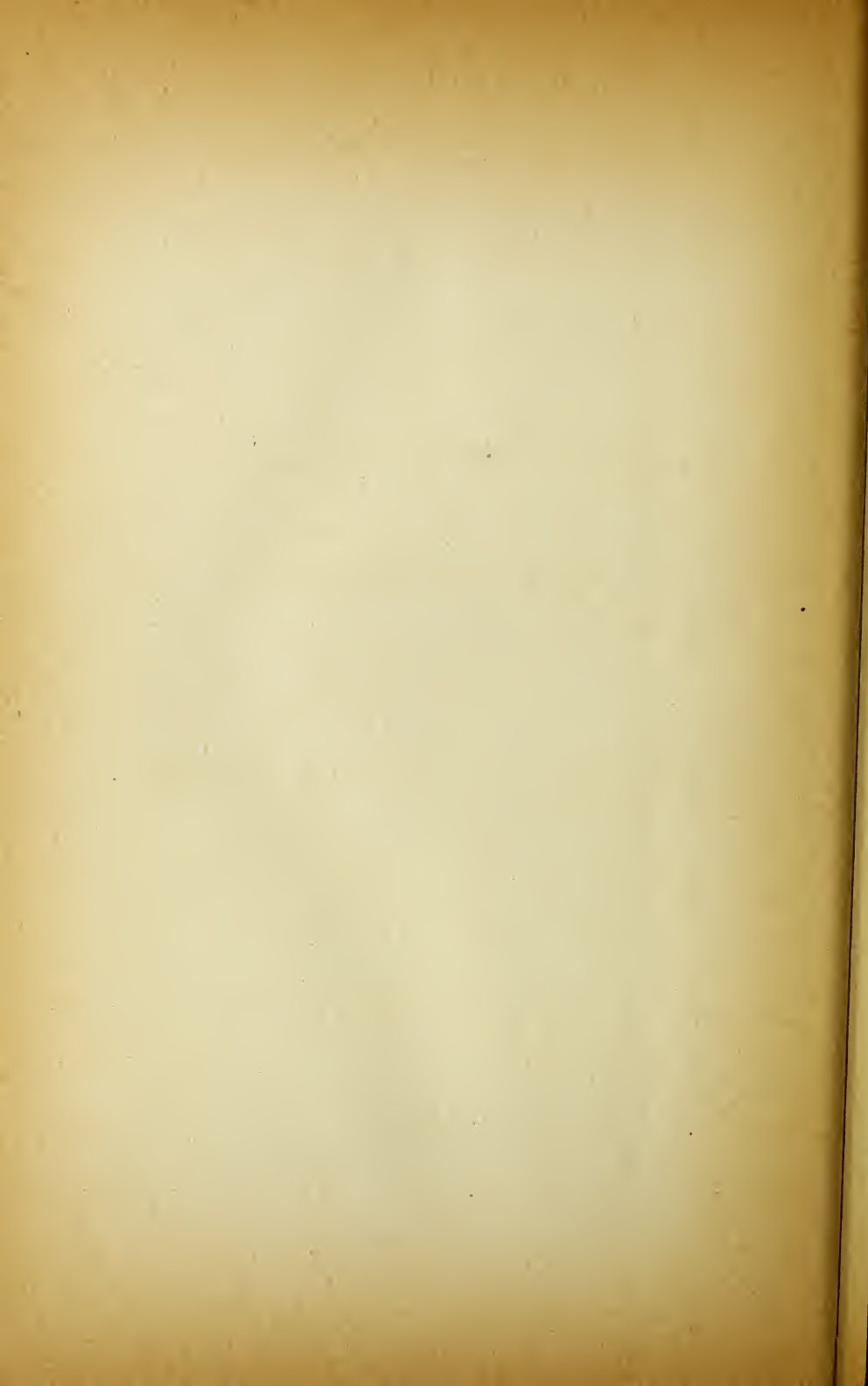
Number of visits,	179
Number of personal examinations,	2,807
Number of notices sent to parents,	1,036
Number of permits signed by school physician,	490
Number of permits signed by other physicians,	111
Number of pupils sent home,	71
Number of pupils referred to school nurse,	131
Number of pupils sent home by school nurse,	20
Number of pupils examined for employment,	158

Respectfully submitted,

J. HOLBROOK SHAW, M. D.

*School Physician.*





**SIXTY-SECOND ANNUAL REPORT**

**OF THE**

**Water Commissioners,**

**Superintendent**

**AND**

**Collector of Water Rates**

**OF THE**

**Town of Plymouth**

**1916**

## WATER COMMISSIONERS

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JOHN W. CHURCHILL—Term expires March, 1918.

ROBERT C. HARLOW—Term expires March, 1918.

JOHN H. DAMON—Term expires March, 1919.

EUGENE H. DORR—Term expires March, 1917.

CHARLES T. HOLMES—Term expires March, 1917.

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Superintendent—Arthur E. Blackmer.

Assistant Superintendent—Richard W. Bagnell.

Water Register—N. Reeves Jackson.

Engineer at Pumping Station—John Bodell.

Assistant Engineer at Pumping Station—Albert E. Caswell.

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All applications for water must be made at the office of the Water Commissioners.

Superintendent's office, Town Square, near Town House; telephone, office 532-R, shop 532-W.

Meeting of the Commissioners to examine bills and claims against the department, the first Wednesday evening of each month.

Rates payable at the Town Treasurer's office semi-annually in advance, May 1 and Nov. 1.

Bills against the Department must be rendered on or before the first Wednesday of each month, or they will lie over until the following month.

Approved bills paid by the Town Treasurer at the Town Office.

## REPORT OF WATER COMMISSIONERS

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The Water Commissioners herewith submit their sixty-second annual report.

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### RECEIPTS.

Appropriation (Maintenance)	\$16,000 00
Appropriation (Construction)	5,700 00
Credits,	375 97
Balance from 1915,	4 31
Total,	<hr/> \$22,080 28

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### EXPENDITURES.

Maintenance,	\$8,718 40
Pump,	4,291 76
Extension of mains,	6,366 85
Extension of services,	419 11
Meters and setting,	1,631 33
Stock on hand at shop,	636 33
Unexpended balance,	16 50
	<hr/> \$22,080 28

MAINTENANCE.

Salaries,	\$3,211 96
Labor,	3,258 99
Horse feed, care and stable items,	356 11
Horse hire and auto hire,	219 06
Freight, express and trucking,	110 55
Stationery, stamps and printing,	167 86
Fuel, light and power,	151 59
Telephone,	85 63
Factory and office repairs and supplies,	94 02
Tools bought and repaired,	142 17
Leaks in main pipes,	430 01
Leaks repaired in service pipes,	100 41
Renewing services,	54 27
Venturi Meter, (repairs to register),	26 88
Miscellaneous,	308 89
	<hr/>
	\$8,718 40

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PUMPING STATION.

Salaries,	\$1,900 00
Labor,	107 43
Fuel and light,	1,392 73
Heating and lighting engineer's house,	283 59
Freight and trucking,	10 71
Material and supplies,	149 40
Tools and repairs on tools,	2 85
Repairs to buildings and grounds,	75 30
Repairs on pump,	353 25
Repairs to boiler,	16 50
	<hr/>
	\$4,291 76



# BONDS.

Bond paid on issue, August 1, 1890,	\$1,300 00
Bond paid on issue, August 1, 1894,	800 00
Bond paid on issue, October 2, 1899,	1,500 00
Bond paid on issue, May 1, 1901,	1,000 00
Bond paid on issue, July 1, 1903,	666 66
Bond paid on issue, Nov. 15, 1905,	600 00
Bond paid on issue, July 1, 1907,	1,000 00
Bond paid on issue, February 15, 1908,	1,000 00
Bond paid on issue, June 1, 1909,	1,000 00
Bond paid on issue, July 1, 1910,	2,000 00
Total bonds paid,	<u>\$10,866 66</u>

# INTEREST.

Interest paid on issue, August 1, 1890,	\$104 00
Interest paid on issue, August 1, 1894,	128 00
Interest paid on issue, October 2, 1899,	240 00
Interest paid on issue, May 1, 1901,	192 50
Interest paid on issue, July 1, 1903,	437 50
Interest paid on issue, November 15, 1905,	210 00
Interest paid on issue, July 1, 1907,	660 00
Interest paid on issue, February 15, 1908,	660 00
Interest paid on issue, June 1, 1909,	192 50
Interest paid on issue, July 1, 1910,	40 00
Total interest paid,	<u>\$2,864 50</u>
Bonds,	\$10,866 66
Interest,	<u>2,864 50</u>
Total Bonds and Interest,	\$13,731 16

## WATER COMMISSIONERS' REPORT

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It is with keen regret that the Commissioners record at this time the death of two of their members; Mr. Horace P. Bailey, who died July 19, 1916, and Mr. Charles T. Holmes, who died January 18, 1917.

Mr. Bailey was elected a member of the Water Board on March 21, 1881, and served continuously until his death, a period of service of over thirty-five years.

Mr. Holmes became a member of the board March 8, 1902, and he also served until his death, making a period of continuous service of nearly fifteen years.

At a joint meeting of the Water Commissioners and Board of Selectmen held December 18, 1916, Mr. Eugene H. Dorr was appointed to serve the unexpired time of Mr. Bailey's term.

The new work carried out by the Water Department during 1916, consisted of laying an 8" line down South Depot Avenue from Court Street to Ripley & Bartlett tack shop. Two hydrants were set on this line and a 6" connection was made to the sprinkler system of the Bradley Rug Co.

The new 6" pipe recommended by the the Commissioners in their last report, was also laid on the following streets; Franklin, Washington, High, Davis, Vernon and Allerton. One dead end at High Street, near Market, was eliminated by this new work, by connecting the new High Street pipe with the 12" on Market Street. There was 518' of 6" pipe laid on Brookside Avenue to the house of Mrs. Emma F. Weston. Twelve new hydrants were set on these new lines, which materially improved the facilities for fire fighting in these sections. A tabular statement of the length and cost of these lines will be found in the report of the Superintendent.

For the ensuing year, we recommend that an 8" pipe be laid on Market and Main Street from Summer to North, and a 6" pipe from Main Street down North Street, south along Water Street to Sandwich Street. The present pipes in Main, North and Water Streets were laid in June, 1855, and have been in service 62 years.

A widening of Main Street has been decreed by the County Commissioners and it is for these reasons we recommend new pipe in Main Street.

It is also advisable to lay a new pipe on Water and North to anticipate changes likely to be made in that section by Centenary Improvements.

The estimated cost of the above work is \$5,500. We recommend an appropriation of \$5,500.00 for this work and \$17,000 for maintenance, making a total \$22,500

Respectfully submitted,

JOHN W. CHURCHILL,

JOHN H. DAMON,

E. H. DORR,

ROBERT C. HARLOW,

## SUMMARY OF STATISTICS.

Published by Request of the New England Water Works  
Association.

Plymouth (Mass.) Water Works.

Population by census of 1915, 12,926.

Date of Construction, 1855.

By whom owned. Town.

Source of supply, Great and Little South Ponds.

Mode of supply. Gravity for low service and pumping for  
high service.

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### PUMPING.

1. Builders of pumping machinery: Barr and Worthington.
2. Coal: (b) bituminous; (d) brand various; (e) average  
cost per gross ton, \$6.02.
3. Total fuel, 483,120 pounds.
5. Total water pumped, 243,722,000 gallons.
6. Average static head, 65 feet.
7. Average dynamic head, 72 feet.
8. Number gallons pumped per pound of coal, Worthington,  
365.0, Barr, 508.0.
9. Duty of Barr Pump, 30,482,000, Worthington, 21,896,000  
Cost of Pumping Figured on Pumping Station Expenses  
Viz; \$4,291.76.
10. Per million gallons against dynamic head into direct pipe  
\$17.61.
11. Per million gallons raised one foot high, (dynamic) \$.244  
Cost of Pumping Figured on Total Maintenance, Viz  
\$13,010.16.
12. Per million gallons against dynamic head into direct pipe  
\$53.38
13. Per million gallons raised one foot high (dynamic) \$.74

### SERVICES.

16. Kind of pipes; lead and cement lined.
  17. From one-half to four inches.
  18. Extended 481 feet.
  20. Total now in use, seven miles, 3,637 feet.
  21. Service taps added, 29.
  22. Number now in use, 2,686.
  23. Average length of service, 16.5 feet.
  24. Average cost of service, \$14.45.
  27. Motors and elevators added: None.
  28. Number now in use; one Motor.
- 

### DISTRIBUTION.

1. Kind of pipe used: Cement lined and wrought iron, principally cement lined.
2. Sizes: from 2 inch to 30 inch.
3. Extended, 5,544 feet.
4. Discontinued, 4,304 feet.
5. Total now in use, 55 miles, 4,069 feet.
6. Cost to repair per mile \$7.70.
7. Number of leaks per mile, 4.
8. Small distribution pipes, less than 4 inch, 10 miles, 2,061 feet.
9. Hydrants added, 12 post. Discontinued, none.
10. Hydrants now in use: 237 public; 52 private.
11. Stop gates added, 21. Discontinued, 12.
12. Number now in use, 639.
13. Small stop gates less than 4 inch, 125.
14. Number of blow-offs, 42.



Published by request of the New England Water Works Association.

## FINANCIAL

### MAINTENANCE.

Water rates, domestic,	\$32,720.11	Management and repairs,	\$13,010.16
Water rates, manufacturing,	1,994.03	Interest on bonds,	2,864.50
Water rates, miscellaneous,	1,627.29	Total,	\$15,874.66
Total water receipts,	\$36,271.43	Profit for year,	20,993.30
Miscellaneous,	596.53	Total,	\$36,867.96
Total,	\$36,867.96		
		Paid bonds and notes,	\$10,866.66
		Carried to Construction Acct.,	10,126.64
		Total,	\$20,993.30

### CONSTRUCTION.

Profits of maintenance,	\$10,126.64	Extension of mains,	\$6,366.65
		Extension of services,	419.11
		Meters and setting,	1,631.33
		Unexpended balance,	1,709.35
		Total,	\$10,126.64
		\$10,866.66 paid yearly on principal.	
		Bonded debt at 3½ per cent.,	\$15,400.00
		" " 3¾ " "	11,313.22
		" " 4 " "	40,200.00
		Total,	\$66,933.22

## COLLECTOR'S REPORT

---

Gentlemen:—I hereby submit the annual report of the Collector of Water Rates for the year 1916.

*Dr.*

Arrears,	\$7,163 49	
Water Rates,	38,478 09	
Labor and material,	657 03	
	<hr/>	\$46,298 61

*Cr.*

Total Collections,	\$36,867 96	
Abatements,	1,204 95	
Uncollected rates,	8,109 50	
Uncollected labor and material,	116 20	
	<hr/>	\$46,298 61

Water is supplied to 2,856 families; 2,267 water closets; 1,064 bath-tubs; 564 hose; 82 stables; 370 horses; 180 cows; 210 offices, shops and stores; 4 bakeries; 10 halls; 38 urinals; 14 barbers; 12 markets; 4 banks; 12 saloons; 10 churches; 4 bakeries; 9 engines; 10 hotels and boarding houses; 4 cemeteries; 3 hot houses; 4 laundries; 3 printing offices; 8 manufacturing; 2 billiard rooms; 2 photo saloons; 3 woolen mills; 2 electric plants; N. Y., N. H. & H. R. R.; County Buildings; Town Buildings and street sprinkling.

Yours respectfully,

N. REEVES JACKSON,

*Collector of Water Rates.*

## SUPERINTENDENT'S REPORT

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To the Board of Water Commissioners:—

Gentlemen: I herewith submit the annual report of the Superintendent of the Plymouth Water Works for the year ending December 31, 1916.

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### ACCOUNT OF PIPES LAID FOR THE YEAR ENDING DECEMBER 31, 1916.

LOCATION	Length in feet.	Size in inches	Laying Pipe	Changing Services	Total
South Park Avenue	722	8	885.73		885.73
High Street	1,011	6	1,078.21	320.02	1,398.23
Franklin Street	450	6	440.97	134.78	575.75
Washington Street	438	6	476.29		476.29
Davis, Vernon and Highland Place	2,385	6	2,250.43	337.06	2,587.49
Brookside Avenue	463 55	6 4	443.36		443.36
TOTALS	5,544		5,574.99	791.86	6,366.85

### CONSUMPTION FOR 1916.

As has been the custom for several years past, a diagram is shown on Plate II. showing graphically the daily average consumption for each week of the year. The diagram shows the subdivision of the consumption into high service, low service, and total.

The average daily low service consumption for the year was 406,000 gallons in 1916, as compared to 502,000 gallons in 1915. The high service was 709,000 gallons in 1916 and 798,000 gallons in 1915; and the total was 1,115,000 gallons in 1916 and 1,300,000 gallons in 1915.

The total consumption for the year was 392,200,000 gallons, of which the low service was 148,508,000 gallons, or 38%, and the high service was 243,722,000 gallons, or 62%.

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#### RAINFALL.

The usual rainfall sheet is shown on the following page and covers a period of thirty years.

The average annual rainfall for this period has been 46.22" and the rainfall for 1916 was 50.28" or 4.06" above the average.

Table showing total rainfall since 1887, and monthly rainfall since 1891.  
Also annual variation from the average in inches.

YEAR	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	TOTAL	Variation from av. in inches
1887													43.14	— 3.08
1888													50.28	4.06
1889													49.14	2.92
1890													51.80	5.58
1891	8.36	5.32	5.04	4.02	1.99	2.23	2.55	1.43	2.23	5.92	1.79	3.77	44.65	1.57
1892	3.79	2.72	4.56	1.26	3.91	2.12	1.81	4.16	2.41	2.29	7.12	1.75	37.90	1.75
1893	2.88	6.66	6.17	4.45	4.39	2.50	2.71	5.80	1.73	2.16	3.29	5.59	48.33	8.32
1894	3.50	4.85	1.56	3.97	4.35	1.54	1.08	0.73	2.37	7.97	4.98	5.78	42.68	2.11
1895	3.54	0.87	2.71	4.79	2.73	2.04	3.58	2.05	3.27	6.89	3.95	3.85	40.27	3.54
1896	2.75	4.73	5.82	0.88	2.93	3.59	2.27	1.71	5.65	3.60	3.41	1.75	39.09	5.95
1897	4.24	2.08	2.31	4.28	3.65	2.99	2.88	2.91	1.42	0.87	6.42	3.27	37.32	7.13
1898	3.75	4.04	2.27	5.82	5.65	1.93	6.58	7.33	1.35	8.96	8.48	2.24	58.40	8.90
1899	6.52	5.23	6.77	1.18	1.40	3.62	3.79	1.17	6.92	3.03	2.28	1.60	43.51	12.18
1900	4.86	5.35	3.62	1.95	5.11	2.29	1.37	3.28	3.10	5.40	5.36	3.15	44.84	2.71
1901	2.51	1.70	6.86	7.78	8.54	1.46	4.38	2.25	2.77	2.07	10.20	10.20	59.11	1.38
1902	2.22	5.53	7.82	2.98	1.52	3.68	1.89	1.43	3.65	5.32	1.72	6.77	44.53	1.69
1903	4.43	5.36	7.94	7.45	0.67	4.76	2.44	5.44	1.45	6.32	3.22	3.98	53.46	7.24
1904	5.44	3.61	2.47	9.11	2.23	2.58	4.02	3.52	3.18	1.85	3.53	4.10	45.64	.58
1905	4.50	2.16	2.87	2.32	1.11	8.01	1.78	2.99	6.93	1.72	2.04	4.21	40.64	5.58
1906	4.06	5.33	8.69	2.34	5.28	2.36	6.42	2.02	2.98	4.50	3.45	3.13	50.55	4.33
1907	3.92	3.41	2.31	4.08	3.68	2.70	1.10	1.82	11.16	2.91	6.82	6.90	50.81	4.59
1908	3.78	4.37	3.96	2.48	2.98	2.30	3.87	4.41	1.61	10.19	1.53	4.28	46.75	P.47
1909	5.44	6.18	3.74	6.41	3.51	3.03	1.83	2.44	4.95	2.23	8.15	3.34	51.25	5.03
1910	5.98	5.82	1.05	2.51	2.27	3.82	2.71	2.82	1.81	1.94	5.69	2.96	38.88	7.34
1911	3.17	3.45	3.38	3.68	0.77	3.93	6.84	4.66	3.44	3.60	6.59	3.58	46.21	.01
1912	4.08	4.00	7.51	3.87	4.71	0.39	2.32	3.50	1.49	1.26	3.83	6.16	43.92	2.80
1913	4.99	3.60	3.40	6.66	2.80	1.57	1.77	3.03	3.40	11.08	2.79	4.61	48.29	2.07
1914	3.62	4.82	5.42	5.45	2.90	1.00	4.62	3.40	1.67	2.20	3.47	6.73	45.30	.92
1915	10.35	3.96	0.09	3.47	2.20	1.58	2.72	6.19	1.55	4.22	2.37	4.99	46.71	.49
1916	1.46	5.51	4.80	5.62	3.51	5.53	9.07	2.19	2.46	2.88	3.80	3.88	50.28	4.06
Av.	4.38	4.25	4.35	4.14	3.24	2.91	3.32	3.16	3.37	4.27	4.15	4.33	46.22	



TABLE OF METERS NOW IN USE.

FOR WHAT USED	6 in	4 in	3 in	2 in	1½ in	1 in	¾ in	½ in	Total	Total Amt. of water used through meters, gals.
Manufacturing	3	1	1			2	4	1	12	38,575,880
Domestic				3	2	11	54	322	392	32,831,200
Electric Lt. and Power Cos.		2			1				3	12,615,080
N. Y., N. H. & H. R. R.		1						1	2	9,491,385
Business Blocks				1		3	7	24	35	7,230,080
Hotels and Restaurants				2	1	1	2	7	13	3,991,470
Laundries				2	1				3	2,973,990
State, County and Federal Bldgs.			1	4		2	1		8	2,096,310
Stables and garages				1		1	2	7	11	1,326,120
Shipping				1				1	2	950,780
Miscellaneous				6	1	11	3	7	28	2,927,010
Totals	3	4	2	20	6	31	73	370	509	115,009,305

### METERS.

The above table shows the number of meters of various sizes in use, and the total quantity of water that passed through these meters in 1916. As a matter of possible interest the subdivision of metered use is made among various classes of consumers.

The total number of services on January 1, 1917, was 2,686, and the total number of meters was 509, therefore 18.9 per cent. of the services are metered. The total consumption for the year was 392,200,000 gallons, of which 115,009,305 gallons, or 29.4 per cent. was metered.

### CONSUMPTION IN MILLION GALLONS.

As a matter of record the following table is given, showing our high and low service and total consumption of water, and the consumption of four of our largest metered consumers for the last nine years.

### Consumption in Million Gallons.

Year	High Service	Low Service	Total	American Woolen Co.	Plymouth Elec. Lt. Co.	N. Y., N. H. & H. R. R.	B. & P. St. Ry. Power Station	% of Mfrs. use to total Low Service
1908	235	210	445	63	4	18	4	42.5
1909	250	212	462	76	4	20	1	45.5
1910	269	188	457	48	6	20	1	40.0
1911	289	189	478	55	6.6	7	1.5	37.1
1912	309	191	500	54.9	7.3	7.6	2.4	37.8
1913	301	176	477	52.7	6.8	4	1	36.7
1914	327	178	505	64.5	7.2	4.5	1.9	44.0
1915	291	183	474	40.4	10.9	8.8	3.7	34.8
1916	243.7	148.5	392.2	36.4	9.3	8.2	1.4	37.2

### POND ELEVATIONS AND STORAGE DEPLETION

Plate I showing the variation in pond elevation and storage depletion from June 1905 to January 1, 1917, inclusive is given as a matter of record.

Great South Pond was at elevation 104.40' on January 1, 1917, and at elevation 103.30 on January. 1, 1916, a gain of 1.1' equivalent to 103.5 million gallons, and Little South was at elevation 104.30 on Jan. 1, 1917, and 102.90 on Jan. 1, 1916, a gain of 1.4' equivalent to 30. million gallons, making a total gain in storage for the year in these two ponds of 133.5 million gallons.

The following table shows the average daily water-shed yield and the average daily consumption for each year since 1908.

Year	Av. Daily Use.	Av. Daily Yield.
1908	1,220,000	1,174,000
1909	1,267,000	1,295,000
1910	1,251,000	1,056,000
1911	1,310,000	1,023,000
1912	1,370,000	1,505,000
1913	1,307,000	1,291,000
1914	1,383,000	1,368,000
1915	1,301,000	1,254,000
1916	1,115,000	1,485,000
Average	1,280,000	1,272,000

### SCHEDULE

Showing number of feet of each size of pipe and number and size of gates, blow-offs and hydrants.

Size in inches	LENGTH OF PIPE IN FEET	No. of Gates	No of Check Valves	No. of Air Cocks	No. 10 in. B. O.	No. 8 in. B. O.	No. 6 in. B. O.	No. 4 in. B. O.	No. 2 in. B. O.	No. 1½ in B. O.	No. Hydrants
30	80	1		1			1				
20	190			8		1					
18	7,424	4		13	2						3
16	16,424	12		9							3
14	10,352	11	1	6			2	1			15
12	11,230	23		8	1		3		2		32
10	35,209	58	2	9							40
8	31,061	72		9				1	3		70
6	55,266	150		7			3	4	7		70
4	73,251	178						3	1		2
3	6,629	12						1			
2½	458										
2	45,000	102		3					5		2
1½	382	2								1	
1	1,407	7									
¾	985	2									
	295,348	639	3	69	3	1	9	10	18	1	237

### PUMPING STATION.

The Pumping Station record on the following page shows the character of records that are kept.

All the water used for boiler feed purposes during the year was metered, and 63,075 cu. ft. = 3,942,187 lbs. of water was evaporated during the year, using 493,480 lbs. of coal (which includes coal used for banking), an average of 8.0 lbs. of water per lb. of coal.

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### WATER ANALYSIS, 1916.

The following page shows the analysis made by the State Board of Health at frequent intervals during the year, 1916, of the water from Great and Little South and Boot Ponds.

Respectfully submitted,

ARTHUR E. BLACKMER,  
*Superintendent.*

Chart arranged for Comparison of Temperatures and Percentages of Humidity in rooms A, B, and C for nine consecutive school days, the broken line representing room A, equipped with cloth window screens.

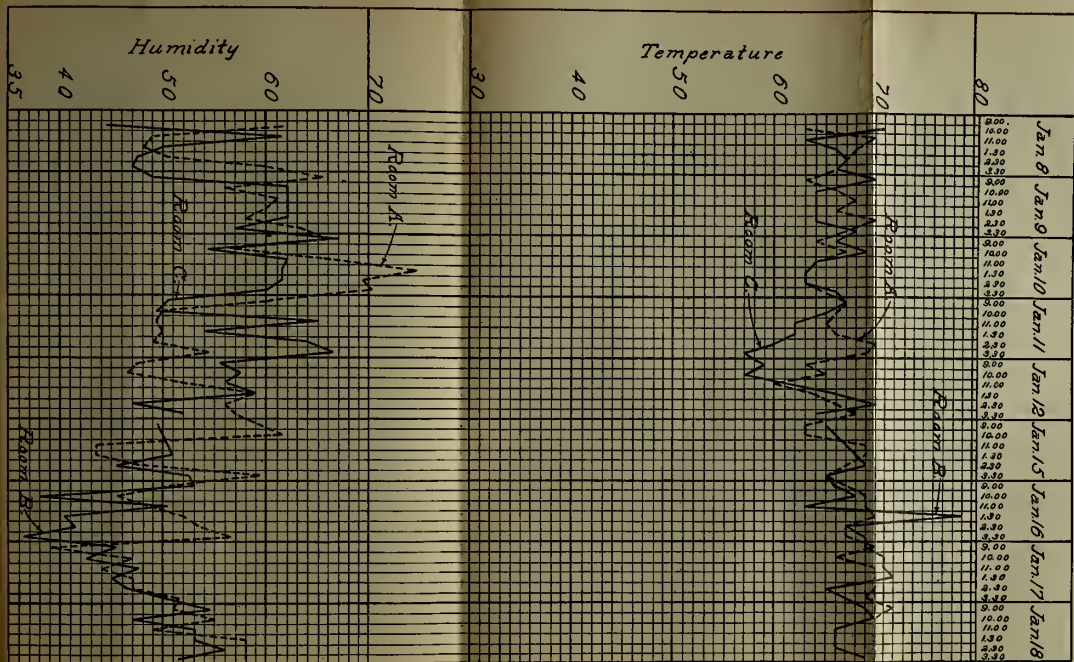
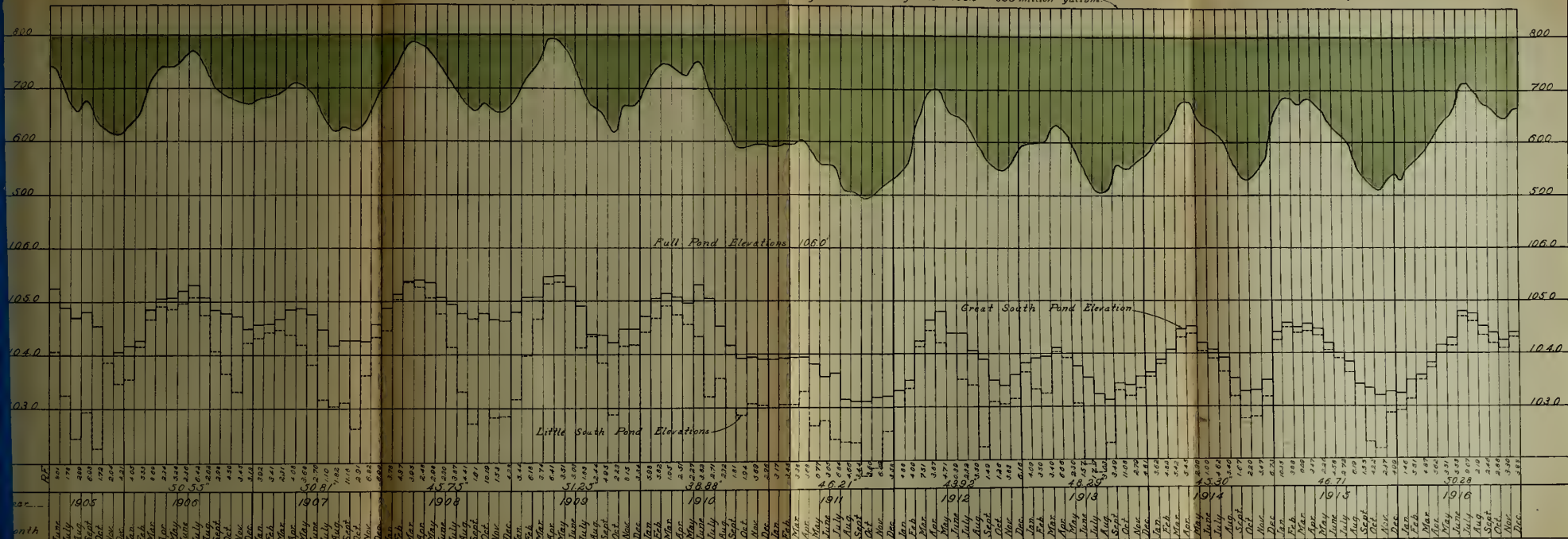




PLATE I.

Storage in Great and Little South Ponds between grade 98.0 and grade 106.0 = 855 million gallons.



# PUMPING RECORDS, 1916.

The pumping station records shown on this page give in detail the amount of water pumped, fuel used, etc., at the pumping station during the year 1916.

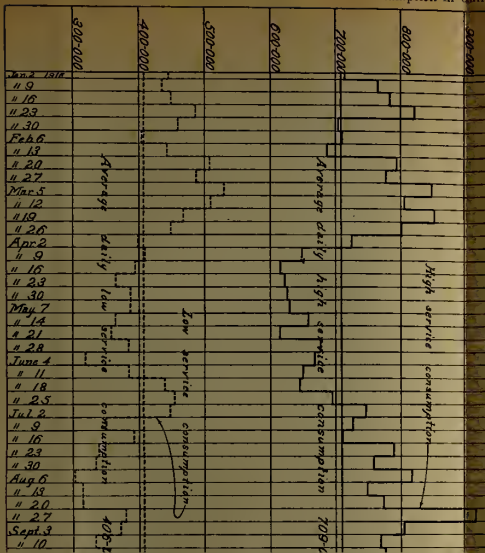
Months	Hours run	Total lbs. fuel used	No. gallons pumped	Total No. Gals. low service	Rain in inches	Average temperature		Daily average water pumped gallons	Daily average fuel pounds
						Max.	Min.		
January	232 1/4	42,270	20,110,000	13,891,000	1.46	38.64	23.8	648,709	1363
February	238	34,965	15,047,000	13,593,000	5.51	31.9	19.31	518,862	1505
March	240	44,340	21,363,000	14,680,000	4.87	34	20	685,903	1430
April	225	41,060	18,355,000	11,561,000	5.62	48.6	35	611,893	1368
May	207 1/4	37,250	19,247,000	11,135,000	3.51	64.6	46.5	620,885	1201
June	203 1/4	38,930	19,646,000	12,682,000	5.53	68.73	53.33	654,866	1297
July	241 1/4	44,240	22,682,000	10,968,000	9.07	80.35	66.55	731,677	1427
August	258 1/2	42,375	24,315,000	10,357,000	2.19	81.1	66	784,355	1367
September	234 1/2	40,215	22,257,000	10,116,000	2.46	72.67	56	741,900	1340
October	232 3/4	40,535	21,724,000	11,670,000	2.88	63	46.7	700,774	1307
November	203 3/4	36,970	18,845,000	12,221,000	3.3	51.26	35	628,166	1332
December	221	39,970	20,331,000	15,614,000	3.88	38	27.45	652,612	1289
	2,743 3/4	483,120	243,722,000	148,508,000	50.28				

	Hours run	Total lbs. Fuel used	No. gals. pumped	Average	
				Av. No. gals. to 1 lb. coal	duety for year
New pump	. . . . .	470,435	239,091,000	503.23	30,482,000
Old pump	. . . . .	12,685	4,631,000	365.05	21,896,000

**FOLDOUT BLANK**

# PLYMOUTH WATER WORKS

Consumption in Gallons



# WATER ANALYSIS, 1916.

No.	DATE OF COLLECTION.	APPEARANCE			RESIDUE ON EVAPORATION			AMMONIA				CHLORINE		NITRO-GEN AS		OXYGEN CONSUMED	HARDNESS	NAME OF POND
		TURBID-ITY	SEDI-MENT	COLOR	TOTAL	LOSS ON IGNITION	FIXED	FREE	TOTAL	IN SOLUTION	IN SUSPENSION			Nitrates	Nitrites			
	1915																	
128541	Dec. 29	V. Slight	Slight	.00	2.30	1.05	1.25	.0038	.0136	.0114	.0022	.77	.....	.....	.....	..	0.2 .000	Little South
128542	Dec. 29	V. Slight	Slight	.00	2.40	1.05	1.35	.0018	.106	.0084	.0022	.74	.....	.....	.....	...	0.2 .010	Great South
128543	Dec. 29	V. Slight	Slight	.00	2.75	1.00	1.75	.0051	.0302	.0156	.0046	.78	.....	.....	.....	...	0.5 .008	Boot
128892	Feb. 23	V. Slight	V. Slight	.00	2.75	1.00	1.75	.0040	.0568	.0272	.02	.78	.....	.....	.....	...	0.2 .008	Little South
128393	Feb. 23	None	V. Slight	.00	3.25	1.15	2.10	.0032	.0218	.0190	.0018	.75	.....	.....	.....	...	0.2 .005	Great South
128394	Feb. 15	V. Slight	V. Slight	.01	2.70	0.95	1.75	.0060	.0188	.....	.....	.88	.....	.....	.....	...	0.3 .05	Boot
130352	April 26	V. Slight	V. Slight	.00	2.60	1.38	1.30	.0042	.0292	.0188	.0074	.67	.....	.....	.....	...	0.2 .005	Boot
130353	April 26	V. Slight	Slight	.00	2.2	1.00	1.20	.0032	.0252	.0198	.0054	.67	.....	.....	.....	...	0.2 .005	Little South
130354	April 26	V. Slight	V. Slight	.00	2.70	1.00	1.70	.0012	.0176	.0160	.0016	.68	.....	.....	.....	...	0.2 .005	Great South
132982	Sept. 7	V. Slight	Slight	.00	3.55	.....	.....	.0030	.0298	.0248	.0050	.66	.....	.....	.....	...	0.2	Boot
132983	Sept. 7	V. Slight	V. Slight	.00	2.10	.....	.....	.0028	.0332	.0214	.0018	.72	.....	.....	.....	...	0.2 .010	Little South
132984	Sept. 7	V. Slight	V. Slight	.00	2.55	.....	.....	.0020	.0188	.0158	.0030	.60	.....	.....	.....	...	0.2 .012	Great South
134246	Nov. 16	V. Slight	V. Slight	.00	.....	.....	.....	.0030	.0198	.0176	.0022	.72	.....	.....	.....	...	0.2 .003	Little South
134247	Nov. 16	None	V. Slight	.00	.....	.....	.....	.0022	.0170	.0144	.0026	.68	.....	.....	.....	...	0.2 .007	Great South
134248	Nov. 16	V. Slight	Slight	.00	.....	.....	.....	.0018	.0276	.0220	.0056	.68	.....	.....	.....	...	0.2 .005	Boot







1/28/2011

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